DAILY RAINFALL 1911 1920

DURHAM

BARNARD CASTLE	COUNTY SCHOOL	1911	1920
BISHOP AUCKLAND	N. BONDGATE		1920
BRANCEPETH	CASTLE	1917	1919
BURNOPFIELD	PRESTFIELD	1911	1915
DARLINGTON	CLEVELAND PARADE	1911	1917
"	HURWORTH GRANGE	1911	1915
"	HUMMERSKNOTT	1911 - 18,	1920
"	NORTH VILLA	1919	1920
DURHAM	OBSERVATORY	1916	1920
"	PELAW TERR.	1916	1920
FENCE HOUSES	CHILTON MOOR.	1918	1919
GAINFORD		1911	1912
GATESHEAD	LOW FELL		1914
HARTLEPOOL	HART RES	1911	1920
HURWORTH	BURN RES.	1911	1920
HURWORTH	RES.	1911	1920
PIECEBRIDGE	CARLBURY HALL	1913	1920
ROWLANDS GILL	CHOPWELL WOOD	1912-16, 19-	1920
RYHOPE	P.S.	1917	1920
RYTON-ON-TYNE		1911	1919
SOUTH SHIELDS	BENTS PARK	1912-15, 18	1920
SEAHAM	DALTON P.S.	1917	1920
"	HARBOUR		1911
SEDGEFIELD	HARDWICK HALL	1915	1920
SHOTTON	NEW WINNING P.S.	1918	1920
SOUTH SHIELDS	MUNICIPAL BLDGS.	1916	1917
SPRINGWELL			1918
STANHOPE	PARSON BYERS QY	1911-16, 18—	1920
STAINDROP	RABY CASTLE	1912	1914
STOCKTON-ON-TEES	ROPNER PARK	1911	1920
SUNDERLAND	THE CEDARS	1911	1916
"	CLEADON P.S.	1917	1920
"	GLAXHEUGH GROVE	1911	1920
"	MOWBRAY PARK.	1911	1920
"	WEST HENDON HSE	1911	1920
USHAW	ST CUTHBERTS COLLEGE	1911-12, 14-15, 19-	1920
WASHINGTON	USWORTH	1911	1916
WEARDALE W.W.	SMIDDY SHAW.	1911	1920
" "	TUNSTALL RES	1911	1920

WEARDALE W.W.	WASKERLEY	1911	1920
WEARHEAD STATION.		1911	1919
WEST HARTLEPOOL	W.W.	1911	1920
" "	BRADGATE	1911	1913
" "	LYNN STREET.	1912-17, 19-	1920
WILLINGTON RECTORY		1911	1920
WINSTON-ON-TEES		1919	1920
WOLSINGHAM	DRYDERDALE	1911	1912
"	MARTAGON HSE	1911	1917

NOT LISTED IN BRITISH RAINFALL

HEDDON-ON-THE-WALL VICARAGE	1913
PORT CLARENCE	1918

DURHAM

BARNARD CASTLE

COUNTY SCHOOL

1911 – 1920

FORM A2. BRITISH RAINFALL.

3 - JAN 1912

REGI 11.

Kept at Barnard wdon 5 in.

bove Ground 1 ft. 6 in.

in the County of Durh „ Sea Level 540 ft.

by Roger Hitch am.

n Name Barnard Castle
Distance 1 mile Direction North

IMPORTANT NOTE.- and the result entered to the previous day. If an Obse universal rule, he is earnestly requested to add the readin year in the space provided for it at the end of this rement of rain, the selection and placing British Rainfall Organization are given in " on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	·140	–	–	–	·005	·060	–	–	·040	–	1
2	S ·435	–	·010	–	·080	–	·090	–	–	·130	·070	·110	2
3	S ·010	–	·065	S ·010	·380	–	·010	–	–	·020	·120	·010	3
4	·040	–	·140	S ·160	·030	–	–	·260	–	–	·370	·150	4
5	·180	–	·025	S ·030	–	–	–	·200	–	·030	·140	–	5
6	·180	–	·040	·050	–	–	–	·110	–	·090	·050	·440	6
7	–	–	–	·005	·050	–	–	–	–	–	·380	–	7
8	·005	–	·105	–	–	·010	–	–	–	·010	·180	S ·345	8
9	–	–	–	S ·005	–	–	–	–	–	–	–	·210	9
10	·010	–	·010	·030	–	–	–	–	–	–	–	·490	10
11	S ·280	–	·030	–	·005	–	–	·005	·040	–	·190	·095	11
12	S ·080	–	·020	·005	·050	·045	–	–	·940	–	·320	·010	12
13	–	·005	S ·205	–	·250	·020	–	–	–	–	·070	·410	13
14	–	·010	S ·200	–	·390	–	–	–	–	–	·015	·385	14
15	–	·110	·155	·130	–	–	–	–	–	·030	·360	·040	15
16	–	·350	S ·180	·060	–	·120	·015	–	–	·075	·030	·085	16
17	–	–	S ·025	·010	–	·665	–	–	–	–	·290	·200	17
18	–	·710	S ·190	·035	–	·020	–	–	–	–	·040	·255	18
19	–	·035	·050	·080	–	·300	·010	·060	·010	·160	·890	·205	19
20	–	·010	–	·010	–	–	·120	·240	·030	·005	·020	·170	20
21	–	·380	–	–	–	–	–	·520	–	·190	S ·020	·010	21
22	·310	·130	–	·010	–	·060	–	·080	–	·005	·060	–	22
23	·020	·570	–	–	·020	·540	·005	–	–	·025	–	·160	23
24	–	·045	S ·045	·010	–	1.350	–	·030	–	·140	–	·070	24
25	·005	·285	·005	–	–	·090	–	–	·120	·190	S ·030	S ·130	25
26	–	–	–	·030	–	–	–	·020	–	1.020	·810	·120	26
27	·015	·075	·045	·100	–	–	–	·090	·110	S ·005	·120	·015	27
28	–	·140	·015	·200	–	·020	–	–	·015	S ·010	–	·120	28
29	–		·010	·170	–	·030	·020	·060	·420	·245	–	·080	29
30	–		·005	–	·040	–	–	–	·080	·350	–	–	30
31	–		–		·195		–	–		·120		–	31
Total	1·570	2.855	1·715	1·140	1·490	3·270	·275	1·735	1·765	2·850	4·615	4·315	TOTAL for year 27·595
No. of Rain Days	~~11~~ 12	~~13~~ 14	~~21~~ 22	~~17~~ 18	~~10~~ 11	13	~~6~~ 7	12	9	~~17~~ 19	23	25	~~177~~ 185

9,000, IX. '10.

S = Snow.

FORM A2. BRITISH RAINFALL.

9 - JAN 1912

REGISTER OF RAINFALL IN 1911.

Kept at Barnard Castle

in the County of Durham 1

by Roger Hitchcock

RAIN GAUGE
Pattern Snowdon
Diameter of top 5 in.
Height of top above Ground 1 ft. 6 in.
" " " Sea Level 540 ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Barnard Castle
Distance 1 mile Direction North

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	·140	–	–	–	·005	·060	–	–	·040	–	1
2	S ·435	–	·010	–	·080	–	·090	–	–	·130	·070	·110	2
3	S ·010	–	·065	S ·010	·380	–	·010	–	–	·020	·120	·010	3
4	·040	–	·140	S ·160	·030	–	–	·260	–	–	·370	·150	4
5	·180	–	·025	S ·030	–	–	–	·200	–	·030	·140	–	5
6	·180	–	·040	·050	–	–	–	·110	–	·090	·050	·440	6
7	–	–	–	·005	·050	–	–	–	–	–	·380	–	7
8	·005	–	·105	–	–	·010	–	–	–	·010	·180	S ·345	8
9	–	–	–	S ·005	–	–	–	–	–	–	–	·210	9
10	·010	–	·010	·030	–	–	–	–	–	–	–	·490	10
11	S ·280	–	·030	–	·005	–	–	·005	·040	–	·190	·095	11
12	S ·080	–	·020	·005	·050	·045	–	–	·940	–	·320	·010	12
13	–	·005	S ·205	–	·250	·020	–	–	–	–	·070	·410	13
14	–	·010	S ·200	–	·390	–	–	–	–	–	·015	·385	14
15	–	·110	·155	·130	–	–	–	–	–	·030	·360	·040	15
16	–	·350	S ·180	·060	–	·120	·015	–	–	·075	·030	·085	16
17	–	–	S ·025	·010	–	·665	–	–	–	–	·290	·200	17
18	–	·710	S ·190	·035	–	·020	–	–	–	–	·040	·255	18
19	–	·035	·050	·080	–	·300	·010	·060	·010	·160	·890	·205	19
20	–	·010	–	·010	–	–	·120	·240	·030	·005	·020	·170	20
21	–	·380	–	–	–	–	–	·520	–	·190	S ·020	·010	21
22	·310	·130	–	·010	–	·060	–	·080	–	·005	·060	–	22
23	·020	·570	–	–	·020	·540	·005	–	–	·025	–	·160	23
24	–	·045	S ·045	·010	–	1.350	–	·030	–	·140	–	·070	24
25	·005	·285	·005	–	–	·090	–	–	·120	·190	S ·030	S ·130	25
26	–	–	–	·030	–	–	–	·020	–	1.020	·810	·120	26
27	·015	·075	·045	·100	–	–	–	·090	·110	S ·005	·120	·015	27
28	–	·140	·015	·200	–	·020	–	–	·015	S ·010	–	·120	28
29	–		·010	·170	–	·030	·020	·060	·420	·245	–	·080	29
30	–		·005	–	·040	–	–	–	·080	·350	–	–	30
31	–		–		·195		–	–		·120		–	31
Total	1·570	2·855	1·715	1·140	1·490	3·270	·275	1·735	1·765	2·850	4·615	4·315	TOTAL for year 27·595
No. of Rain Days	~~11~~ 12	~~13~~ 14	~~21~~ 22	~~17~~ 18	~~10~~ 11	13	~~6~~ 7	12	9	~~17~~ 19	23	25	~~177~~ 185

9,000, IX. '10.

S = Snow.

Ex F 6.

REGISTER OF RAINFALL IN 1912

FORM A2.
BRITISH RAINFALL.

3 - JAN 1913

Kept at Barnard Castle
in the County of Durham
by Roger Hitchcock
North Eastern County School.

RAIN GAUGE
Pattern Snowdon
Diameter of top 5 in.
Height of top above Ground 1 ft. 6 in.
" " " Sea Level 540 ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Barnard Castle
Distance 1 mile Direction N

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	-	S ·040	·090	-	·005	·400	·045	·430	·040	·020	-	S ·085	1
2	-	S ·015	·170	-	·015	·560	·110	·220	·010	·045	-	-	2
3	·100	S ·035	·050	-	-	·815	·005	·940	·360	-	-	·090	3
4	·130	-	·410	·040	·025	·775	-	·520	·095	-	·115	-	4
5	·020	-	-	-	·220	·040	-	·070	-	-	·005	-	5
6	S ·760	·145	-	-	-	·010	-	·025	-	-	-	-	6
7	-	·130	·035	·005	·130	-	-	·445	·050	-	·095	·010	7
8	S ·485	·080	·045	·095	-	-	-	-	·555	-	·120	-	8
9	·025	·035	·200	·075	-	·185	-	-	-	-	·015	-	9
10	·040	-	·005	S ·010	·005	·335	-	·045	-	-	·065	·005	10
11	-	·210	-	-	·015	-	·010	·080	·005	-	·220	·035	11
12	·060	·145	-	-	-	·175	·180	-	-	-	·060	·200	12
13	-	·010	-	-	-	·010	-	-	·015	·055	·330	·340	13
14	·050	-	·010	-	-	·065	-	·020	-	-	·005	·195	14
15	·240	·010	·010	-	·570	·045	-	-	-	·005	-	·450	15
16	S ·790	-	·015	-	·010	·010	-	·005	-	·015	-	S ·060	16
17	-	·135	·260	-	-	·360	·025	·190	-	-	·015	S ·160	17
18	S ·045	·120	-	-	-	·005	-	·005	-	·070	·010	·030	18
19	·045	·365	·035	-	·040	-	·030	·400	-	·030	·015	-	19
20	·125	-	·030	-	·720	-	·005	·015	-	·350	-	·005	20
21	·010	-	S ·300	-	·065	-	·070	-	-	·005	-	·015	21
22	·035	·090	·005	-	·530	·200	-	·160	-	-	-	-	22
23	·050	-	·080	-	·035	·015	·160	·600	-	·085	·020	-	23
24	S ·150	-	-	-	·090	-	·090	·220	-	-	·180	·235	24
25	·100	-	-	-	-	·430	·080	·610	-	·010	·195	·040	25
26	S ·065	·165	·050	-	-	·005	-	·140	-	·990	·460	·300	26
27	-	·010	·030	-	·005	·270	·805	·035	-	·155	S ·010	·370	27
28	-	·015	·035	-	-	·045	·300	·310	·010	·120	S ·040	·010	28
29	S ·005	·020	·320	-	-	·215	·075	·010	·820	·090	-	·170	29
30	·035		·075	-	·070	-	·040	-	·400	·095	-	-	30
31	-		·055		·070		·780	·170		·030		·005	31
Total	3·365	1·775	2·315	·225	2·620	4·970	2·810	5·665	2·360	2·170	1·975	2·810	TOTAL for year 33·060
No. of Rain Days.	~~21~~ 22	19	~~21~~ 22	~~4~~ 5	~~15~~ 16	~~20~~ 21	~~15~~ 16	~~22~~ 23	10	~~15~~ 16	~~17~~ 18	~~18~~ 20	~~197~~ 207

W. 8,000, X. '11.

S = Snow

√

FORM A2.
BRITISH RAINFALL.
8. JAN 1914

REGISTER OF RAINFALL IN 1913

Kept at Barnard Castle

in the County of Durham

by Roger C. Hitchcock

RAIN GAUGE
Pattern Snowdon
Diameter of top 5 in.
Height of top above Ground 1 ft. 6 in.
" " " Sea Level 540 ft.

Time of Observation 9 am

Nearest Railway Station
Name Barnard Castle
Distance 1 mile Direction North

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	-	·105	·165	-	-	-	-	·070	·110	·090	-	1
2	-	·050	·370	·035	-	-	-	-	-	·060	·075	·035	2
3	·065	·025	·115	-	·240	-	·200	-	·140	-	·110	·135	3
4	·250	·030	·025	-	·040	·060	·065	-	·010	·120	·020	S ·285	4
5	·380	·050	·070	-	-	·590	·020	·165	·010	·190	-	-	5
6	-	·250	·390	-	·425	·015	·820	·020	-	·020	·060	-	6
7	-	·665	S ·035	-	·140	·030	·015	-	-	1.270	-	-	7
8	-	·020	·010	-	·740	·010	-	-	·020	·440	·105	-	8
9	-	·060	·060	·010	·125	·340	-	-	-	-	·020	·015	9
10	-	·010	·155	·040	·020	-	·005	-	-	·005	·190	-	10
11	S ·860	-	-	S ·400	·240	·115	-	-	-	·025	·090	-	11
12	S ·120	-	-	-	-	·020	-	-	·490	-	·080	-	12
13	-	-	·035	-	-	-	-	-	·180	·005	·055	-	13
14	·130	·010	S ·130	·060	-	-	·030	-	-	·020	·070	-	14
15	·115	-	S ·385	·340	-	-	-	·120	-	-	·245	·015	15
16	-	-	S ·040	S ·020	-	-	-	-	-	-	·070	-	16
17	·005	·010	S ·060	·020	-	·015	·005	-	-	-	·030	-	17
18	-	-	·485	·230	-	·080	·015	-	-	-	·180	-	18
19	·180	-	·360	·130	·020	-	-	-	·240	·020	·070	-	19
20	·470	S ·010	·035	·005	-	-	-	·005	·180	·090	·315	-	20
21	·030	-	·065	-	·060	-	·075	·090	-	-	·010	-	21
22	S ·050	-	·980	-	-	-	-	·050	·080	-	-	-	22
23	·150	-	·010	-	-	·170	-	·090	·040	-	·010	-	23
24	·240	-	-	·040	-	·195	-	-	-	-	·010	-	24
25	-	-	-	·020	-	-	-	-	·440	-	-	·090	25
26	-	-	-	·710	-	-	-	-	1·840	·030	·010	·285	26
27	-	·020	·005	·415	·200	·005	-	-	-	·190	-	S ·190	27
28	·300	-	·350	·235	·040	-	-	-	-	·020	-	S ·160	28
29	·010		·650	·380	·125	-	-	·440	-	·080	·050	S ·120	29
30	S ·370		·015	-	·240	-	-	-	-	·080	-	S ·005	30
31	S ·190		·010		·185		-	-		-		-	31
Total	3·915	1·210	4·950	3·255	2·840	1·645	1·250	·980	3·740	2·775	4965	1·335	TOTAL for year 29·860
No. of Rain Days.	17	13	25	17	15	12	8	7	13	16	23	10	176

W. 8,000, X. '11. S = Snow water.

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
6 - JAN 1915

Kept at Barnard Castle

in the County of Durham

by R. C. Hitchcock

Lat. 54·33 Long. 1·55

Time of Observation 9 am

Nearest Railway Station Barnard Castle

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 540 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	·160	·020	-	-	-	·270	·080	-	·010	-	·390	1
2	-	-	-	·015	-	-	·440	·520	-	·005	·590	·260	2
3	-	-	·150	-	·100	-	-	-	·005	-	·040	·730	3
4	·280	-	·020	·030	·090	-	-	-	-	-	·125	·480	4
5	S ·040	-	·130	·070	·020	·020	·005	-	-	-	·480	·090	5
6	-	-	·035	·290	·055	-	-	·070	-	-	·005	·205	6
7	·030	·050	S ·130	·005	·140	·075	-	·050	-	-	-	·190	7
8	·030	·020	S ·180	·015	·125	·495	·060	·045	·025	·035	-	·105	8
9	·450	·050	S ·085	·095	·005	2·120	-	-	·010	-	·190	·040	9
10	·065	·185	S ·010	-	-	-	-	-	·010	-	·205	-	10
11	-	·045	S ·095	-	·110	·085	-	-	·035	-	·340	·205	11
12	-	·240	·035	-	-	·005	·115	-	·060	-	·115	1·030	12
13	·040	·095	·195	·010	-	-	-	-	·055	·035	·205	·560	13
14	-	·660	·035	-	-	-	·035	-	·060	·005	S ·140	·470	14
15	·080	·160	·110	-	-	-	·010	-	·760	-	S ·760	-	15
16	·045	·005	·035	-	-	-	·525	-	·530	-	-	·030	16
17	·050	·065	·035	-	-	-	·075	-	·010	-	-	·280	17
18	·005	·165	S ·035	-	-	·280	-	-	-	·010	-	-	18
19	-	·010	S ·005	-	-	-	·110	-	-	-	·030	S ·020	19
20	-	·160	·120	-	-	-	-	-	-	·140	-	-	20
21	-	S ·520	·005	-	-	·010	·050	-	-	·030	·050	·035	21
22	-	·190	·100	-	·440	-	-	-	-	·090	·015	S ·070	22
23	-	·045	·010	·010	·150	-	-	-	-	-	·035	S ·165	23
24	·015	-	·310	·020	·005	-	·030	·015	-	-	·020	-	24
25	·030	-	·100	-	-	-	-	·055	-	·410	·005	S ·460	25
26	-	-	·145	-	-	-	·040	·005	-	·140	·145	·385	26
27	·005	·	-	-	-	-	-	-	-	·015	·340	S ·260	27
28	-	·015	·010	-	·010	-	-	·035	-	·015	·150	-	28
29	·025		·045	-	-	-	-	·370	-	·640	·380	-	29
30	·030		·070	·060	-	-	-	·080	-	·220	·450	·380	30
31	·325		-		·015		·190	-		·300		-	31
Total	1·545	2·840	2·255	·620	1·265	3·090	1·955	1·325	1·560	2·100	4·815	6·840	YEAR'S TOTAL 30·210
Rain Days.	15	18	26	10	11	7	13	10	10	14	21	23	~~178~~
	16	19	27		12	8		11		15	22		186

W.7,000, XI. 13

Edd h N

3721

FORM A.
BRITISH RAINFALL.

3 - JAN 1916

REGISTER OF RAINFALL IN 1915.

Kept at North Eastern County School Barnard Castle
in the County of Durham
by R. C. Hitchcock

Lat. 54·33 Long. 1.55
Time of Observation 9 am
Nearest Railway Station Barnard Castle
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 540 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	S ·360	·045	-	-	·080	-	·260	·440	·020	-	·115	·125	1
2	-	·195	S ·150	·070	-	·010	·010	·430	-	-	-	-	2
3	S ·500	·005	-	·090	-	-	·230	·010	-	-	·115	S ·690	3
4	·040	·015	·010	·035	-	·040	-	·160	-	-	-	S ·880	4
5	·050	·290	·010	·010	·015	·005	-	-	-	-	·020	·670	5
6	·050	·600	·025	·050	-	-	·555	·010	-	·030	-	·060	6
7	·070	·590	S ·020	·035	·005	-	·460	·140	-	-	-	·080	7
8	·160	·255	S ·015	·060	·045	-	·010	·005	-	-	·190	-	8
9	-	·020	-	-	-	-	-	·010	-	-	·105	S ·710	9
10	S ·130	-	·050	·020	-	-	-	·115	-	-	-	·115	10
11	·080	·045	-	-	·790	-	-	-	-	-	·040	·040	11
12	·030	-	-	·060	S ·010	-	·035	-	-	·045	S ·810	-	12
13	·010	·270	-	·010	-	-	-	·050	·450	-	-	-	13
14	·115	S ·015	-	·005	·070	-	-	-	-	-	-	·030	14
15	·585	S ·005	-	·060	-	-	·160	·390	-	-	S ·320	·145	15
16	-	·280	-	-	-	-	·630	·180	-	·100	-	-	16
17	-	·275	-	-	·005	-	-	-	·050	-	-	·025	17
18	-	·095	S ·090	-	-	-	-	·320	·120	·095	·010	·035	18
19	-	·025	S ·040	-	-	-	·140	-	·005	·100	-	-	19
20	·025	-	·020	-	-	-	·005	-	-	·030	-	·365	20
21	·060	-	-	·010	-	-	-	-	-	-	-	·070	21
22	·010	-	·020	-	·020	-	·060	-	-	-	-	·100	22
23	·025	·040	·035	-	-	-	-	-	·005	·050	-	·050	23
24	-	-	·230	·105	-	-	-	-	·670	·100	-	·235	24
25	-	-	-	-	-	·010	-	-	·090	·050	-	-	25
26	S ·005	·150	S ·005	-	-	·110	·050	-	·010	-	-	·550	26
27	-	S ·150	S ·020	-	-	-	·030	-	-	·245	-	·260	27
28	-	S ·135	S ·020	-	·355	-	-	·430	-	·005	-	·020	28
29	-	X	S ·005	-	·250	·760	-	·005	·010	-	·090	·575	29
30	S ·010	X	-	-	-	-	·190	-	-	-	-	·005	30
31	S ·010	X	-	X	-	X	-	·540	X	·050	X	·350	31
Total	2·325	3·500	·765	·620	1·645	·935	2·825	3·235	1·430	·900	1·815	6·185	YEAR'S TOTAL 26·180
Rain Days.	19	19	15	13	~~9~~ 10	~~5~~ 6	14	~~14~~ 15	~~8~~ 9	~~11~~ 12	10	23	~~166~~ 165

165

W. 8,000. X. 14.

S = Snow water.

[illegible]

3655

✓

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.
3 JAN 1917

Kept at North Eastern County School, Barnard Castle
in the County of Durham
by Roger Hitchcock.

Lat. 54·33 Long. 1·55
Time of Observation 9 a.m
Nearest Railway Station Barnard Castle
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 540 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·680	–	S ·145	–	–	·070	·225	·010	–	–	·150	–	1
2	·020	·055	S ·040	–	–	·030	–	–	·020	·105	·010	·040	2
3	·010	·140	S ·010	·005	–	·005	·350	·015	1·530	·160	·450	·005	3
4	·105	·070	–	·015	·710	·060	·295	–	·080	·275	·010	–	4
5	·025	·340	S ·025	–	·480	·250	–	–	–	·370	·680	–	5
6	·330	·330	S ·350	S ·045	·450	·005	·170	–	–	·035	·290	–	6
7	·005	S ·110	S ·235	–	·280	·085	·760	–	–	·190	·015	·195	7
8	–	S ·020	S ·400	–	·025	·020	–	–	–	·015	·035	S ·010	8
9	–	–	S ·050	–	·105	·010	·005	–	–	–	·080	·580	9
10	·005	S ·020	S ·120	·015	–	·320	·025	–	·010	·470	·020	S ·095	10
11	–	S ·205	S ·430	·135	·010	·015	–	–	·010	·040	·005	S ·155	11
12	·080	·060	S ·700	·065	·530	–	·295	–	–	·020	–	S ·245	12
13	–	·050	S ·340	·020	–	·040	·140	·360	–	·270	·005	·015	13
14	–	S ·355	·085	S ·110	·025	–	–	·155	–	·215	·070	·165	14
15	·005	·260	·790	–	–	–	·010	·135	–	·015	–	–	15
16	–	S ·235	·330	·045	·015	–	·080	–	–	·010	–	S ·080	16
17	·040	S ·005	–	·090	–	–	·010	·080	·045	·050	S ·035	S ·010	17
18	–	S ·310	·005	·080	–	–	·025	·220	·140	·045	S ·960	S ·050	18
19	·200	·005	·180	·280	–	–	–	·020	·025	–	1·040	S ·035	19
20	·220	–	·170	·130	–	–	·280	·020	–	–	·125	S ·140	20
21	·090	–	S ·080	–	·005	–	·005	–	–	–	–	–	21
22	·050	S ·130	S ·010	·005	–	·020	–	–	·005	·120	·010	–	22
23	·055	S ·020	S ·110	·030	–	–	–	–	–	·150	·045	S ·170	23
24	–	–	–	–	–	·255	–	·360	–	·020	·095	·025	24
25	–	S ·065	S ·180	–	·110	–	–	·310	–	·210	·060	·010	25
26	·085	S ·210	S ·105	–	–	·075	·025	–	–	·025	–	–	26
27	–	S ·390	S ·005	–	–	–	·410	–	–	·630	–	–	27
28	–	S ·200	S ·005	–	·135	–	–	–	·015	·140	·020	·690	28
29	–	S ·630	–	–	·235	–	–	·020	–	·180	–	·080	29
30	–	×	–	–	·055	–	·010	–	·005	·730	–	·055	30
31	–	×	–	×	·050	×	·005	–	×	·330	×	·050	31
Total	2·005	4·215	4·900	1·070	3·220	1·260	3·125	1·705	1·885	4·820	4·210	2·900	YEAR'S TOTAL 35·315
Rain Days.	1~~4~~6	2~~2~~3	2~~2~~3	1~~3~~4	1~~5~~6	1~~3~~4	1~~8~~1	12	~~9~~ 10	26	2~~0~~1	2~~1~~2	~~203~~ 214

W. 8,000. X. 15.

S = Snow

3503

FORM A. BRITISH RAINFALL.

3. JAN

REGISTER OF RAINFALL IN 1917.

Kept at Barnard Castle
in the County of Durham
by R. C. Hitchcock

Lat. 54·33 Long. 1·55
Time of Observation 9 a.m.
Nearest Railway Station Barnard Castle
Diameter of Funnel of Rain Gauge 5" in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 540 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	-	-	S ·010	-	·020	-	·130	·320	-	·160	·140	1
2	·230	-	-	S ·280	-	·080	-	·060	·010	-	·010	-	2
3	·010	S ·010	-	S ·230	-	·015	·010	-	-	·100	·020	-	3
4	-	-	S ·185	-	-	-	-	·025	-	·005	-	-	4
5	S ·170	-	S ·165	S ·165	-	-	-	·015	-	·070	·130	-	5
6	-	-	-	-	-	·020	-	-	-	S ·040	·090	·010	6
7	S ·650	-	S ·020	-	-	·350	-	·290	-	·100	-	·150	7
8	S ·560	-	-	S ·090	-	·010	-	1·320	-	·270	·075	S ·130	8
9	S ·040	-	S ·015	-	-	-	-	·640	-	·050	·050	S ·100	9
10	S ·140	-	S ·980	S ·280	·210	-	-	·060	-	·095	·005	-	10
11	·020	S ·065	-	S ·050	·050	-	-	·120	-	·015	·010	-	11
12	S ·005	S ·005	-	-	·190	-	-	·025	-	·190	-	·020	12
13	S ·350	-	-	·080	·640	·020	-	·620	·130	·020	-	·010	13
14	S ·430	-	-	S ·260	·460	-	-	·185	-	-	-	S ·130	14
15	S ·160	-	-	S ·010	·075	-	·120	·010	-	-	-	S ·065	15
16	S ·165	-	-	S ·220	-	-	-	·055	-	-	-	S ·700	16
17	S ·025	·030	-	S ·205	·150	-	-	·500	·165	·010	-	S ·500	17
18	S ·025	-	-	·010	·330	-	·330	·240	-	-	-	-	18
19	S ·180	·185	·290	-	·210	·110	-	-	-	-	-	·005	19
20	S ·250	·510	S ·060	·020	·025	·460	-	·030	·220	-	·035	·210	20
21	S ·010	·125	S ·020	·015	-	-	-	·160	-	-	-	-	21
22	-	-	S ·065	-	-	-	-	·010	·010	·115	-	-	22
23	S ·015	·060	-	-	·070	·080	-	·190	-	·040	·155	-	23
24	S ·010	·050	-	-	-	·010	·050	·080	-	·460	·480	-	24
25	-	-	·040	-	-	·300	-	-	·010	·200	-	-	25
26	-	-	-	-	-	·090	-	·820	·090	S ·160	S ·150	-	26
27	S ·005	-	·035	-	-	·340	·590	·720	-	·020	·015	·010	27
28	S ·030	-	S ·360	-	-	-	·010	·230	-	-	·020	·045	28
29	S ·020	-	S ·190	-	-	-	·050	·030	-	·310	-	·005	29
30	S ·030		-	-	-	-	-	·010	-	·200	·090	·060	30
31	S ·010		S ·230		-		-	·040		-		·160	31
Total	3·540	1·040	2·655	1·925	2·410	1·905	1·160	6·615	·955	2·470	1·495	2·450	YEAR'S TOTAL 28·620
Rain Days.	23 4	8	14	15	11	14	7	27	8	19	15	16	~~177~~ 181

W. 8,000, VIII. 16

S = Snow

Recd. E.F.E.

5

FORM A.
BRITISH RAINFALL.
7 . 1 . 19

REGISTER OF RAINFALL IN 1918

Kept at Barnard Castle

in the County of Durham

by R. C. Hitchcock

Lat. 54·33 Long. 1,55

Time of Observation 9 am

Nearest Railway Station Barnard Castle

Diameter of Funnel of Rain Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 540 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·050	·040	S ·035	·015	·025	-	-	-	·110	·020	·410	·020	1
2	S ·010	·005	-	·100	-	-	-	-	·090	-	-	·120	2
3	-	-	·040	·010	·040	-	-	-	-	·030	·010	-	3
4	-	·045	·055	-	·250	-	-	·150	·010	·210	·470	·005	4
5	-	·040	·130	·025	·580	-	-	1.500	-	·180	·095	-	5
6	S ·010	·240	·010	·220	·005	·030	-	·340	-	·360	-	·025	6
7	S ·120	·010	-	·080	-	-	·005	-	·260	·090	·450	-	7
8	S ·005	·160	·225	-	-	-	·095	·050	·180	·030	·160	-	8
9	S ·050	·625	-	·030	-	-	-	-	·630	·050	-	·025	9
10	·055	·630	·010	·030	-	-	·030	-	·360	-	·165	-	10
11	S ·330	·040	-	·010	·140	-	·015	·020	-	-	-	·030	11
12	-	·140	-	·005	-	-	·470	-	·040	-	-	·020	12
13	-	·015	-	·115	·090	·025	-	-	·080	·270	-	·010	13
14	S ·210	-	-	-	-	·090	·060	-	·680	·010	-	·100	14
15	-	-	-	·050	-	·030	·560	-	1.660	-	-	·780	15
16	S ·010	-	·040	-	-	·010	·180	·060	·730	-	-	·165	16
17	S ·290	-	-	S ·010	·090	·040	·630	·010	·080	·280	-	·210	17
18	S 1·210	-	·015	-	-	-	·080	-	·170	·250	-	·110	18
19	S ·340	·020	·050	S ·050	-	-	·370	·075	·130	·340	-	·015	19
20	·220	·430	-	S ·110	-	-	·500	-	·030	·015	-	-	20
21	·370	·190	-	-	-	·015	-	-	·330	·070	-	-	21
22	·045	·010	-	·015	·190	·060	·065	-	-	-	-	·580	22
23	·010	-	-	-	·060	-	·210	-	·015	-	-	·040	23
24	-	·010	-	-	-	-	-	·030	·035	-	·050	-	24
25	-	-	-	-	·130	·030	·030	·620	·100	-	-	S 010	25
26	·005	·070	-	-	·010	-	·230	·020	·410	-	·010	-	26
27	-	·130	·040	-	-	-	·010	·450	·210	-	·020	·210	27
28	-	S ·200	·200	-	-	·015	-	·040	·010	-	·010	·620	28
29	-	✗	-	-	-	-	-	-	·100	-	-	·220	29
30	-	✗	·010	-	-	-	-	-	·020	-	-	·400	30
31	-	✗	·140	✗	-	✗	-	·050	✗	-	✗	·025	31
Total	3·340	3·050	1·000	·875	1·610	·345	3·540	3·415	6·470	2·205	1·850	3·740	YEAR'S TOTAL 31·440
Rain Days.	16	19	14	15	11	10	16	14	25	15	11	21	~~187~~
	17	20			12		17						191

W. 8,000, IX. 17.

FORM A. BRITISH RAINFALL.

8 JAN 20

REGISTER OF RAINFALL IN 1919.

Kept at Barnard Castle

in the County of Durham

by Roger Hitchcock. Jan - July
Aug - Dec.

Lat. 54.33 Long. 1.55

Time of Observation 9 a.m.

Nearest Railway Station Barnard Castle

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 540 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·240	S ·040	·010	-	·130	-	·490	-	·027	·060	·030	S ·650	1
2	·260	-	·050	-	·010	-	·430	-	·030	-	·015	·003	2
3	S ·210	-	-	-	·210	·110	·320	-	-	-	·025	·035	3
4	S ·400	S ·115	S ·300	-	·025	-	·090	·100	-	-	S ·170	·015	4
5	·030	S ·100	-	-	-	-	-	-	-	-	·015	·012	5
6	·020	-	·225	-	·620	-	-	-	-	·060	·010	·002	6
7	·050	-	S ·300	·030	·040	-	-	-	-	-	·050	-	7
8	·100	-	-	·050	·235	-	-	·050	-	-	·014	-	8
9	·100	-	·010	·020	-	-	-	-	-	-	S ·230	-	9
10	·405	-	·260	·020	·025	-	-	-	-	·020	S ·800	·025	10
11	-	-	S ·630	-	·020	-	-	-	·034	·010	S ·200	·001	11
12	-	-	S ·440	·180	-	-	·050	-	·019	·180	S ·200	-	12
13	·050	-	S ·010	·050	-	-	·060	·050	·010	·090	-	·003	13
14	·105	-	-	·185	-	-	·010	-	-	-	S ·055	·002	14
15	·240	·270	·015	·155	-	-	-	·075	-	-	S ·115	·048	15
16	·040	·390	-	·005	·010	-	-	-	-	-	S ·650	-	16
17	-	·060	-	·005	·060	-	-	·045	-	-	·014	-	17
18	·020	-	S ·180	-	-	-	·010	·024	-	-	·075	·016	18
19	-	S ·180	S 1·200	·035	-	·010	·050	·013	S ·020	-	S ·205	·001	19
20	·240	·260	S ·070	-	-	·020	·260	·030	-	-	S ·005	·060	20
21	·100	·190	S ·070	-	-	-	-	·010	·005	-	-	·060	21
22	-	·170	S ·015	-	-	-	-	·045	-	-	-	·050	22
23	-	-	S ·010	·125	-	-	-	·045	-	S ·930	·015	·040	23
24	·040	-	S ·015	·110	·050	·370	-	-	·015	S ·350	·044	·020	24
25	·030	·025	-	·090	·010	·015	-	·074	·030	-	·018	-	25
26	S ·005	S ·165	·160	S ·060	-	·005	-	·015	·125	-	·025	·285	26
27	S ·130	-	-	S ·220	-	-	-	-	-	·013	S ·200	·070	27
28	S ·090	-	-	·230	-	-	-	·087	·005	·037	-	·470	28
29	·195	X	-	·005	-	·005	-	-	-	S 1·130	-	·090	29
30	S ·020	X	·020	-	-	·080	-	-	-	S ·300	·025	·400	30
31	S ·020	X	-	X	-	X	·180	-	X	·019	X	·080	31
Total	3·140	1·965	3·990	1·575	1·445	·615	1·950	·663	·320	3·199	3·205	2·438	YEAR'S TOTAL 24·505
Rain Days.	24	12	20	15	13	6	11	14	9	13	24	15	176

184

W. 8,000, IX. 17.

S = Snow.

3211

6 JAN 1921

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Barnard Castle
in the County of Durham.
by C W Watson

Lat. 54·33 Long. 1·55
Time of Observation 9 am.
Nearest Railway Station Barnard Castle
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 540 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·30

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	·065	·26	·655	—	·22	—	·185	·10	·10	·01	1
2	—	·010	·025	·18	·08	—	·56	—	·09	·05	—	·36	2
3	·010 Snow	·040	—	·30	·135	·06	·855	·125	—	·58	—	·30	3
4	·115n.	—	—	·035	—	—	·355	·33	—	·96	—	·38	4
5	—	—	·015	·01	·02	—	·11	·15	—	·155	—	·01	5
6	—	—	·070	·025	·10	—	·02	—	—	—	—	·07	6
7	·25	·010	·010	—	—	—	·26	—	—	—	·115	·03	7
8	·040	·025	—	·24	·055	—	·155	—	—	—	·015	—	8
9	·275.	·47	—	·47	—	—	·04	·09	—	·02	—	—	9
10	·92	·40	·025	·93	—	—	·06	·18	—	—	—	·01S	10
11	·465	·070	·040S	·17	·245	·03	~~[illegible]~~	—	—	—	—	·485S.	11
12	·27	·055	·15	·33	·025	·04	·01	—	—	—	·02	·305S	12
13	·275.	·015	·050	·18	·01	·47	~~[illegible]~~	—	—	—	·075	·13S	13
14	—	·050	·23S	·17	—	—	·06	—	·01	·05	·40	·045S	14
15	—	·105	·12S	·15	—	—	·10	—	—	·47	·17	·03S	15
16	—	—	—	—	·065	—	·26	—	·42	·01	·07	·01S	16
17	·060	—	·135	—	·16	—	·005	·04	·025	·06	—	—	17
18	·20	·005	—	·015	·33	·01	·09	—	—	—	—	—	18
19	·080S.	·30S.	—	·10	·02	·02	—	·03	—	—	—	—	19
20	·040	·015S	—	·31	—	—	—	—	·19	—	—	—	20
21	·015	—	—	·08	—	—	·14	·115	·12	—	—	·18	21
22	·080	—	—	·90	—	—	·15	—	—	—	—	—	22
23	—	—	—	—	—	—	·30	—	—	—	—	·11S	23
24	·075	—	·44	—	—	—	·025	—	—	—	—	·06	24
25	—	·080	·20	·01	—	—	·49	—	—	—	—	·03	25
26	·060	·010	·53	·10	·02	—	·05	—	—	—	—	—	26
27	(·255)	—	·075	·07	·22	·40	·01	—	—	—	·13	·01	27
28	·17S	·010	·44	·11	—	·02	—	—	·01	—	·02	·24	28
29	·19S	—	·080	—	·85	—	·025	—	—	—	·06	·75	29
30	·050	✕	·040	·01	·07	·015	—	—	·12	—	·14	·13	30
31	·14	✕	·090	✕	—	✕	—	—	✕	·32	✕	·15	31
TOTAL	4·020	1·670	2·830	5·155	3·060	1·065	4·350	1·060	1·170	2·775	1·315	3·835	YEAR'S TOTAL 32·305
Days with ·01 in. or more	22	16	20	24	17	9	28	8	9	11	12	23	194
	20	9	16	18	12	4	18	7	6	9	9	15	143

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

BISHOP AUCKLAND
N. BONDAGE.
DURHAM
1920

FORM A. 1. **METEORO… …NIZATION.**

Kept at Bishop … …41 W.

…0 P.M.

in the County of … …shop Auckland N.E.R.

by Joseph… …Gauge 5 in.

…Ground 1 ft. — in.

…Sea Level 311 ft.

IMPORTANT NO… …entered to the previous day.

If an Observer prefers ~~not to conform~~ to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. 0.01

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		.02		.01		.03	.04	.07		.08	.02	.18	1
2			.15	.38	.74		.17			.24			2
3			.01	.26	.03		.04		.17	.01		.36	3
4		.06		.20	.05		.93	.02	.09	.46		.21	4
5	.10			.02	.02		.22	.79	.04	.77		.35	5
6			.02		.01	.06	.14	.03		.03		.09	6
7			.08	.03	.03		.04					.12	7
8	.25						.32						8
9				.07	.12		.17	.05			.36		9
10	.30	.05	.01	.42			.07	.05					10
11	.74	.09	.08	.51			.03	.23				.02	11
12	.38		.02	.14	.33							.35	12
13	.31		.10	.32	.01		.01				.02	.49	13
14	.09	.04	.01	.06							.01	.06	14
15		.03	.40	.16			.18		.06	.31	.24	.05	15
16		.06	.20	.22			.02			.37	.05	.04	16
17					.04		.40		.29	.02			17
18	.01	.01	.01		.23		.01	.02	.13	.01			18
19	.16	.09	.01	.06	.07	.09	.10	.01	.01				19
20	.01	.36		.13		.07		.02			.01		20
21	.08	.03		.02					.08				21
22				.08			.13	.21	.26			.12	22
23	.04			.07			.34						23
24				.10			.06				.01	.16	24
25	.02		.64			.02	.02					.02	25
26	.01	.06	.14				.42	.01		.01		.01	26
27		.01	.60	.01			.02					.02	27
28	.31		.04	.04	.55	.39	.02				.19	.02	28
29	.34		.45	.04	.02	.07					.01	.25	29
30	.20	✗	.06		.90						.09	.60	30
31	.22	✗	.05	✗	.03	✗			✗		✗	.30	31 28.54
TOTAL	·02 ~~3.57~~ 3.59	- ~~.91~~ .89	·01 ~~3.08~~ 3.09	- ~~3.35~~ 3.34	·03 ~~3.18~~ 3.21	04 ~~.73~~ .74	·07 ~~3.93~~ 3.96	- ~~1.51~~ 1.44	·08 ~~1.13~~ 1.21	·02 ~~2.31~~ 2.25	·18 ~~1.01~~ 1.17	·01 ~~3.82~~ 3.65	YEAR'S TOTAL ~~28.53~~
Days with ·01 in. or more	~~18~~ 19	~~13~~ 12	~~20~~ 21	~~23~~ 22	~~16~~ 17	7	24	~~12~~ 11	~~8~~ 10	11	11	21	~~185~~ 186
Days with ·04 in. or more	~~14~~	8	~~12~~ 13	18	~~8~~ 9	~~5~~ 6	17	~~6~~ 5	~~8~~ 9	~~6~~ 5	~~5~~ 6	~~16~~ 15	~~123~~ 125

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

FORM A. 1. METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Bishop Auckland

in the County of Durham

by Joseph Kilburn

Lat. 54.39 N. Long. 1.41 W.

Time of Observation 12.30 P.M.

Nearest Railway Station Bishop Auckland N.E.R.

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 311 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.
0.01

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		.02		.01		.03	.04	.07		.08	.02	.18	1
2			.15	.38	.74		.17			.24			2
3			.01	.26	.03		.04		.17	.01		.36	3
4		.06		.20	.05		.93	.02	.09	.46		.21	4
5	.10			.02	.02		.22	.79	.04	.77		.35	5
6			.02		.01	.06	.14	.03		.03		.09	6
7			.08	.03	.03		.04					.12	7
8	.25						.32						8
9				.07	.12		.17	.05			.36		9
10	.30	.05	.01	.42			.07	.05					10
11	.74	.09	.08	.51			.03	.23				.02	11
12	.38		.02	.14	.33							.35	12
13	.31		.10	.32	.01		.01				.02	.49	13
14	.09	.04	.01	.06							.01	.06	14
15		.03	.40	.16			.18		.06	.31	.24	.05	15
16		.06	.20	.22			.02			.37	.05	.04	16
17					.04		.40		.29	.02			17
18	.01	.01	.01		.23		.01	.02	.13	.01			18
19	.16	.09	.01	.06	.07	.09	.10	.01	.01				19
20	.01	.36		.13		.07		.02			.01		20
21	.08	.03		.02					.08				21
22				.08			.13	.21	.26			.12	22
23	.04			.07			.34						23
24				.10			.06				.01	.16	24
25	.02		.64			.02	.02					.02	25
26	.01	.06	.14				.42	.01		.01		.01	26
27		.01	.60	.01			.02					.02	27
28	.31		.04	.04	.55	.39	.02				.19	.02	28
29	.34		.45	.04	.02	.07					.01	.25	29
30	.20	×	.06		.90						.09	.60	30
31	.22	×	.05	×	.03	×			×		×	.30	31 28.54
TOTAL	·02 ~~3.57~~ 3.59	- ~~.91~~ .89	·01 ~~3.08~~ 3.09	- ~~3.35~~ 3.34	·03 ~~3.18~~ 3.21	04 ~~.73~~ .74	·07 ~~3.93~~ 3.96	- ~~1.51~~ 1.44	·08 ~~1.13~~ 1.21	·02 ~~2.31~~ 2.25	·18 ~~1.01~~ 1.17	·01 ~~3.82~~ 3.65	YEAR'S TOTAL ~~28.53~~
Days with ·01 in. or more	~~18~~ 19	~~13~~ 12	~~20~~ 21	~~23~~ 22	~~16~~ 17	7	24	~~12~~ 11	~~9~~ 10	11	11	21	~~185~~ 186
Days with ·04 in. or more	14	8	~~12~~ 13	18	~~8~~ 9	~~5~~ 6	17	~~6~~ 5	~~8~~ 9	~~6~~ 5	~~5~~ 6	~~16~~ 15	125 ~~123~~

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

BRANCEPETH
CASTLE ~~GDNS~~
DURHAM

1917 - 1919

FORM A.
BRITISH RAINFALL.

39"

Kept at Brance

a. m

in the County of

rancepeth

auge 5 in.

by J.

Ground ft. 6 in.

Sea Level 341 ft.

IMPORTANT

he result entered to the previous day. If

rsal rule, he is earnestly requested to add th

in the space provided for it at the end

nt of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.
·10

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1						·12		·45	·55		·17	·16	1
2		·7	—			·7		·22	·2		·1		2
3						·1		·1	·2	·6			3
4							·2				·2		4
5										·3	·10	·2	5
6		·18									·8		6
7				1·10		·5		·15		·35		·7	7
8	·77					·15		1·01		·29	·13	·2	8
9	·39			·12				·39		·5	·11	·29	9
10										·20	·2		10
11	·28				·25			·10		·5	·1	·10	11
12	·14		·98		·4			·11		·6			12
13	·4				·15	·9		·70	·10	·4			13
14					·77			·14				·18	14
15				·3	·46			1·41				·10	15
16					·41	·8		—	·2			·65	16
17							·8					·60	17
18			·5		·7		·28	·66	·2				18
19				·68	·28	·9		·13					19
20	·95		·20		·15	·47			·6		·9		20
21		·40	·10	·4				·18		·2		·27	21
22		·20				·4			·1	·1			22
23						·2		·20		·4	·2		23
24		·3			·7			·2		·49	·51		24
25				·3		·18	·29	·4		·10		·5	25
26		·3	·44			·39	·1	·40	·17	·12	·1		26
27						·1	·53	·64		·5		·9	27
28			·22					·49		·2		·9	28
29			8				·16	3		·35		·2	29
30		X								·3		·12	30
31	·70	X		X		X			X		X	·21	31
Total	3·27	·91	2·07	2·00	2·65	1·77	1·37	7·48	·97	2·36	1·28	3·04	YEAR'S TOTAL 29·17
Rain Days.	7	6	7	6	10	14	7	21	9	19	13	17	136

W. 8,000, IX. 17.

FORM A.
BRITISH RAINFALL.

Kept at Brancepeth Castle Gardens
in the County of Durham
by J Thomson

Lat. 54 44 Long. 1 39"
Time of Observation 8 a·m
Nearest Railway Station Brancepeth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground ft. 6 in.
" " " " Sea Level 341 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·10

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1						·12		·45	·55		·17	·16	1
2		·7				·7		·22	·2		·1		2
3						·1		·1	·2	·6			3
4							·2				·2		4
5										·3	·10	·2	5
6		·18									·8		6
7				1·10		·5		·15		·35		·7	7
8	·77					·15		1·01		·29	·13	·2	8
9	·39			·12				·39		·5	·11	·29	9
10										·20	·2		10
11	·28				·25			·10		·5	·1	·10	11
12	·14		·98		·4			·11		·6			12
13	·4				·15	·9		·70	·10	·4			13
14					·77			·14				·18	14
15				·3	·46			1·41				·10	15
16					·41	·8			·2			·65	16
17							·8					·60	17
18			·5		·7		·28	·66	·2				18
19				·68	·28	·9		·13					19
20	·95		·20		·15	·47			·6		·9		20
21		·40	·10	·4				·18		·2		·27	21
22		·20				·4			·1	·1			22
23						·2		·20		·4	·2		23
24		·3			·7			·2		·49	·51		24
25				·3		·18	·29	·4		·10		·5	25
26		·3	·44			·39	·1	·40	·17	·12	·1		26
27						·1	·53	·64		·5		·9	27
28			·22					·49		·2		·9	28
29			8				·16	3		·35		·2	29
30		X								·3		·12	30
31	·70	X		X		X			X		X	·21	31
Total	3·27	·91	2·07	2·00	2·65	1·77	1·37	7·48	·97	2·36	1·28	3·04	YEAR'S TOTAL 29·17
Rain Days.	7	6	7	6	10	14	7	21	9	19	13	17	136

W. 8,000, IX. 17.

W MR Cor. for auth.

16

REGISTER OF RAINFALL IN 1918

FORM A.
BRITISH RAINFALL

3. 1. 19

Kept at The Gardens, Brancepeth Castle
in the County of Durham
by Arthur Allardice

Lat. Long.
Time of Observation 9 am
Nearest Railway Station Brancepeth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 3 in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ✓

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·06	·02	·03	·01					·57	·11	·37		1
2				·09					·15		·01	·19	2
3	·60	·03	·04								·13		3
4			·07		·27			·24	·03	·13	·21		4
5	·05	·02	·21	·02	·45		·01	·17		·06	·02		5
6	·12	·18	·01	·28		·18		·25		·50			6
7				·43					·14	·05	·22		7
8	·02	·02					·14	·03	·17		·06		8
9	·50	·30	·16	·25					·38	·20			9
10				·05			·19		·01				10
11	·28	·08	·04	·03	·31							·17	11
12	·15	·15					·57			·02			12
13	·02	·02		·21	·11				·10				13
14	·07			·05			·07		·03	·15			14
15				·06			·55		·38			·02	15
16	·01					·01	·24	·16	1·30	·03		·59	16
17	·24			·01	·05		·41	·45	·49	·35		·24	17
18	·70		·04				·05	·12	·07	·14		·09	18
19	·34		·05	·17			·45	·03	·21	·37		·02	19
20	·15	·30		·18	·02	·04	·59		·05	·04			20
21	·23	·03		·05	·22	·02			·04	·07			21
22					·03	·10	·03		·26				22
23	·09			·02	·10		·47				·05	·42	23
24						·02		·07	·12	·02	·02		24
25					·07	·04	·04	·28			·05		25
26	·02						·21	·10	·24				26
27		·13	·04			·02	·01	·34	·35		·04	·04	27
28		·18	·22						·02		·05	·37	28
29									·20	·01		·17	29
30		✕	·03	·01					·07		·05	·34	30
31		✕		✕		✕		·03	✕		✕	·08	31
Total	2·51	~~1·36~~ 1·46	0·94	1·92	~~1·7~~ 1·63	~~0·50~~ ·43	4·03	1·81	~~5·44~~ 5·48	2·25	1·28	~~2·75~~ 2·74	YEAR'S TOTAL ~~26·47~~ 26·48
Rain Days	14	13	12	17	10	8	16	12	23	16	13	13	167

W, 6,500, VII. 18. w w c

3343

16 OCT 20

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Brancepeth Gardens
in the County of Durham
by J Bracegirdle

Lat 54°-44' Long 1°-39'
Time of Observation 9 am
Nearest Railway Station Brancepeth
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground ft. 5 in.
" " " " Sea Level 300 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·	·16	·07		·13			·12			·27	·05	1
2	·22	·06			·01		·54		·17	·07	·10		2
3		·03			·07		·68		·03	·01	·05	·02	3
4	·21			·11	·13	·15	·12				·29	·03	4
5	·78	·10	·22		·03	·05		·03			·20	·02	5
6	·21	·11			·08	·01				·01	·13		6
7			·12		·07					·03	·10	·05	7
8	·05		·40	·01	·22						·03		8
9	·13			·07				·03			·28	·15	9
10	·13			·02	·04						·37		10
11			·19		·12						·02	·13	11
12			·73	·10	·03				·25	·09			12
13			·41	·01		·08	·20		·13	·23	·07		13
14	·04		·10	·33		·01	·14	·17		·22		·02	14
15	·07	·02	·02	·19				·03		·10	·26		15
16	·31	·31	·10	·03				·07				·65	16
17	·07	·05		·03						·03			17
18		·07	1·02	·01	·01			·01			·10		18
19				·01			·03	·27				·25	19
20	·03	·14	·01	·04		·05	·02	·09			·04	·05	20
21	·28	·26	·04			·19	·13		·01			·09	21
22	·07	·19	·05			·02				·01		·13	22
23		·14		·07		·02	·07	·01		·04	·03	·05	23
24			·04	·05	·01	·11				·63	·06		24
25	·11			·04		·09				·55	·15		25
26	·04	·14	·01	·03	·02	·02		·60			·30		26
27		·27	·10	·28				·24	·07	·18	·33	·34	27
28	·01			·33						·80	·25		28
29	·20			·02				·90		·68	·10	·40	29
30	·26	×	·03	·02					·03	·95		·08	30
31	·02	×	·01	×		×			×	·32	×	·25	31
TOTAL	3·24	2·02	3·57	1·80	·97	·80	1·93	2·57	·69	4·95	3·53	2·76	YEAR'S TOTAL 28·83
Days with ·01 in. or more	20	15	19	21	14	12	9	13	7	18	22	18	188

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

8L ✓

4·5·1

FORM A2.
BRITISH RAINFALL.

26 JAN 1912

REGIST

BURNOPFIELD
PRESTFIELD
DURHAM
1911 - 1915

Kept at Prestfield,

in the County of Durham

by H. F. Bulman

in.

nd 1 ft. in.

Level 537 ft.

ce Direction

IMPORTANT NOTE.—Rai result entered to the previous day. If an Observer ~~prefers not to conform~~ to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·04		07		·08	·08			·09	·09	1
2	·29		·02		·02		·17			·02	·03		2
3	·04		·33	·07	·08		·01			·07	·03	·10	3
4	·07		·06	·23	·01		·01	·28		·06	·06		4
5	·07		·09	·05				·31		·12	·01		5
6	·05		·05	·12				·03		·06		·43	6
7				·03						·03	·09		7
8	·01		·15	·03	·02	·03	·03			·03	·07	·19	8
9				·02						·01	·02	·22	9
10	·02	·04	·03	·02		·01					·09	·59	10
11			10		·04			·02	·58		·14	·07	11
12	·67		·08		·02	·04		·02	·64		·34		12
13		·02	·28		·06			·01			·05	·40	13
14		·01	·24		·20							·48	14
15			·26							·06	·02	·20	15
16			·30	·04		·05	·06			·06	·02	·04	16
17		·01	·35			·28	·02				·25	·09	17
18			·20			·27					·40	·14	18
19		·07	·13			·12		·06	·02	·12	·78	·08	19
20		·04		·03			·17	·41	·14			·35	20
21		·09		·03				1·44		·11	·09		21
22	·39	·03		·01		·01		·07		·02	·16		22
23	·04	·14				1·10			·28	·15		·05	23
24			·08			1·90		·02				·06	24
25		·10		·02		·25			·05	·25	·06	·03	25
26				·03	·01		·02	·02		1·05	·80		26
27		·02	·07	·24				·20	·06	·05	·08		27
28			·02	·24				·01	·04			·06	28
29				·06		·06	·11		·54	·05		·03	29
30			·04		·02				·20	·29			30
31					·10					·02			31
Total	1·65 ✓	·57 ✓	2·92 ✓	1·27 ✓	·65 ✓	4·12 ✓	·68 ✓	2·98 ✓	2·55 ✓	2·63 ✓	3·68	3·70 ✓	TOTAL for year 27·40
No. of Rain Days	10	11	21	17	12	12	10	15	10	20	22	20	180

9,000, IX. '10.

82 ✓

451

REGIST

FORM A2.
BRITISH RAINFALL.

26 JAN 1912

Kept at Prestfield, Burnopfield

in the County of Durham 3

by H. F. Bulman

RAIN GAUGE:
Pattern
Diameter of top 5 in.
Height of top above Ground 1 ft. in.
" " " Sea Level 537 ft.

Time of Observation

Nearest Railway Station: Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·04		·07		·08	·08			·09	·09	1
2	·29		·02		·02	–	·17			·02	·03		2
3	·04		·33	·07	·08		·01			·07	·03	·10	3
4	·07		·06	·23	·01		·01	·28		·06	·06		4
5	·07		·09	·05				·31		·12	·01		5
6	·05		·05	·12	–			·03		·06		·43	6
7				·03						·03	·09		7
8	·01		·15	·03	·02	·03	·03			·03	·07	·19	8
9				·02						·01	·02	·22	9
10	·02	·04	·03	·02		·01					·09	·59	10
11			·10		·04			·02	·58		·14	·07	11
12	·67		·08		·02	·04		·02	·64		·34		12
13		·02	·28		·06			·01			·05	·40	13
14		·01	·24		·20							·48	14
15			·26							·06	·02	·20	15
16			·30	·04		·05	·06			·06	·02	·04	16
17		·01	·35			·28	·02				·25	·09	17
18			·20			·27					·40	·14	18
19		·07	·13			·12		·06	·02	·12	·78	·08	19
20		·04		·03			·17	·41	·14			·35	20
21		·09		·03				1·44		·11	·09		21
22	·39	·03		·01		·01		·07		·02	·16		22
23	·04	·14				1·10			·28	·15		·05	23
24			·08			1·90		·02				·06	24
25		·10		·02		·25			·05	·25	·06	·03	25
26				·03	·01		·02	·02		1·05	·80		26
27		·02	·07	·24				·20	·06	·05	·08		27
28			·02	·24				·01	·04			·06	28
29				·06		·06	·11		·54	·05		·03	29
30			·04		·02				·20	·29			30
31					·10					·02			31
Total	1·65	·57	2·92	1·27	·65	4·12	·68	2·98	2·55	2·63	3·68	3·70	TOTAL for year 27·40
No. of Rain Days	10	11	21	17	12	12	10	15	10	20	22	20	180

9,000, IX. '10.

8L/ [illegible] 19·iii·13 W. 7C. 447

FORM A2. BRITISH RAINFALL. 25 JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at Priestfield

in the County of ~~Northumberland~~ Durham 3

by H. F. Bulman

Rain Gauge { Pattern —
Diameter of top ...... in.
Height of top above Ground ...... ft. ...... in.
" " " Sea Level ...... ft.

Time of Observation ......

Nearest Railway Station { Name ......
Distance ...... Direction ......

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		·32	·09		·04	·20	·68	·36	·07	·41		·07	1
2		·07	·09		·07	·64	·24	·35		·10	·10		2
3	·08	·14				·84	·03	·62	·31	·05		·20	3
4	·08		·30			·54		·60			·02		4
5					·13	·27							5
6	·53	·19	·03		·08	·04		·16					6
7		·03	·16		·15		·03	·53	·25		·05		7
8	·08	·07	·04	·02		·03			·44		·11		8
9	·02	·01	·09	·02		·15						·02	9
10	·04		·04	·06		·13		·20			·03	·01	10
11		·48						·06	·05		·26		11
12	(·04)	·53				·11	·74				·42	·03	12
13		·06				·26				·06	·18	·06	13
14	·03					·08		·03				·09	14
15	·05	·07	·09		·64	·12						·42	15
16	·31		·03		·05		·04			·04			16
17		·12	·28			·19	·03	·30				·03	17
18	·11	·30	·02			·03	·05						18
19	·09	·60			·03		·38	·18					19
20	·12	·12	·02		·77	·05	·44	·07		·15			20
21	·29		·35		·39	·10				·03		·03	21
22	·03	·03	·02		·10	·21		·10					22
23	·04		·01		·02		·10	·82		·22			23
24	·64	·01					·17	·06		·02	·07	·10	24
25	·37					·36	·24	·27			·13		25
26	·08	·10				·08		·05		·66	·06	·46	26
27	·07		·04			·25	·41			·23	·01	·09	27
28		·01	·03	·02	·16	·14	·24	·35		·10	·05		28
29		·01	·46			·21	·09	·06	·51	·07		·02	29
30	·05		·03	·02				·03	·87	·17			30
31			·21		·03		·80	·26					31
Total	3·15 ✓	3·27	2·43	·14	2·66	5·03	4·71	5·46	2·50	2·31	1·49	1·63	TOTAL for year 34·78
No. of Rain Days.	21 ✓	20	21	5	14	23	17	21	7	14	13	14	190

W. 8,000, X. '11.

459

FORM A.
BRITISH RAINFALL.

31 JAN 1914

REGISTER OF RAINFALL IN 1913

Kept at Priestfield
in the County of Durham 3
by H. F. Bulman

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·05		·11					·02	·10	·02		1
2			·03						·03	·14	·02		2
3		·01			·20		·37		·03	·02		·04	3
4	·19		·01			·10			·01	·21 ~~·05~~		·05	4
5	·46	·02	·02			·05	·12	·10		·05			5
6		·09	·44		·52	·08		·02			·07		6
7		·13	·01	·04	·04	·01	·32			1·42			7
8					·79	·01			·04	·29	·12	·01	8
9		·11		·14	·29	·09							9
10		·01	·10		·07		·05			·06	·12		10
11	·52			·16	·01	·02					·05		11
12	·28							·07	·67		·07		12
13	·07							·01	·24	·01	·02		13
14	·05	·09					·12			·01	·05		14
15	·11		·34	·04					·07		·06	·02	15
16				·01					·03		·01		16
17			·09	·02		·10							17
18	·05		·39	·18							·05		18
19	·19				·04				1·30				19
20	·61	·05	·07					·03	·14		·10		20
21	·05		·03				·03	·14		·02			21
22					·02			·18	·03				22
23			·95			·14	·04		·04		·04		23
24	·15		·08	·01		·28		·13					24
25	·15								·26				25
26			·02	·45					1·35	·07	·16	·39	26
27				·31		·03				·11			27
28			·31	·51								·21	28
29	·01		·50	·36				·89			·02	·18	29
30	·09				·16	·01				·11		·16	30
31	·10												31
													YEAR'S TOTAL
Total	3·08	·56	3·39	2·34	2·14	·92	1·05	1·57	4·26	2·62	·98	1·06	23·97
Rain Days.	16	9	16	13	10	12	7	9	15	14	16	8	145

W. 7,500, XI. 12

DL 441

REGISTER OF RAINFALL IN 1914

FORM A. BRITISH RAINFALL.

28 JAN 1915

Kept at Priestfield
in the County of Durham 3
by H. F. Bulman

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·04				·08	·05			·15	·15	1
2		·02		·10			·51	·49			·37	·14	2
3			·03								·10	·36	3
4	·13				·11						·07	·39	4
5	·02		·14	·11	·06	·10					·62		5
6			·03	·26	·03							·07	6
7		·02	·08	·02	·13			·03			·02	·02	7
8	·42		·18	·01	·23	·27	·07	·06				·15	8
9	·32	·04		·11		·49			·09		·08	·04	9
10	·04	·12				1·97			·04		·17	·02	10
11		·02	·02		·12				·02		·20	·56	11
12	·02	·09				·20			·09		·15	1·40	12
13	·01	·06	·13							·03	·07	·59	13
14	·18	·07					·14			·02		·20	14
15		·05	·27				·09				·81	·19	15
16	·14		·01				·90		·47		·10		16
17	·20						·10		·63		·01	·02	17
18	·04	·02	·05						·06			·03	18
19	·03		·02			·17	·09		·13		·11		19
20	·01	·04	·16							·03	·01		20
21		·60	·03			·62		·01		·13	·30	·04	21
22		·02			·19	·40		·12		·08	·09	·15	22
23			·10		·30	·07							23
24			·01	·05		·27					·04		24
25		·01	·14					·02		·42		·26	25
26			·16				·09	·04		·11	·07	·13	26
27	·02									·05	·04	·01	27
28		·08	·02					·15			·09		28
29			·02					·36		·79	·02		29
30				·07				·02		·22	·07	·10	30
31	·03						·19			·48			31
otal	1·61	1·26	1·64	·73	1·17	4·56	2·26	1·35	1·53	2·36	3·76	5·02	YEAR'S TOTAL 2725
Rain Days.	15	15	20	8	8	10	10	11	8	11	24	22	162

W.7,000, XI. 13

81

3757
~~423~~

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1915

Kept at Priestfield Co Dh
in the County of Durham
by H. F. Bulman

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·13	13	·01										1
2		·04	·13	·03									2
3	·52	·15	·02	·11									3
4	·13	·01											4
5	·04	·04	·04										5
6		·42	·12	·01									6
7	·13	·40	·04	·02									7
8	·02	·25	·08										8
9		·01											9
10	·07		·09										10
11	·04			·02									11
12	·16	·23		·06									12
13		·08											13
14	·05	·04		·03									14
15	·14	·13											15
16		·11	·03										16
17		·05	·04										17
18			·48										18
19		·03	·01	·01									19
20													20
21		·04		·02									21
22	·05		·07										22
23	·05	·11	·20	·01									23
24			·30	·09									24
25													25
26	·04		·05	·01									26
27		·16	·01										27
28	·02	·09	·03										28
29													29
30		✕		·01									30
31	·13	✕		✕		✕			✕		✕		31
Total	1·72	2·52	1·75	·43									YEAR'S TOTAL
Rain Days.	16	20	18	13									

W. 8,000. X. 14.

DARLINGTON
CLEVELAND PARADE
DURHAM
1911 – 1917

FORM A2.
BRITISH RAINFALL.
20 JAN 1912

RE

Kept at Darlington ..... ft. ..... in.

in the County of D ..... el ..... ft.

by W. W. Will

e ..... Direction .....

IMPORTANT NOT should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1								·15			·02		1
2	·20				·20		·02			·07		·06	2
3	·02		·07	·04	·15		·01	·06		·17	·07		3
4	·03		·16	·26	02			·23		·13	·15	·17	4
5	·01		·04	·03				22		·03	·02		5
6	·23		·11	·12				·14		·04	·04	·45	6
7	·01		·01	·03							·07		7
8			·36	·02		·08				·02	·13	·30	8
9				·03								·17	9
10	·01	·10		·01								·40	10
11	·36					·07			·16		·25		11
12	·18		·06	·01	·13				·88		·15		12
13			·10		·01					·01	·06	·37	13
14			·19		·48						01	·33	14
15		·06	·25	·10		·13				·01	·15	·32	15
16		·01	·44	·08		·31	·09			·01	·02	·06	16
17			·04			·01	·04				·42	18	17
18		·12	·10			·31					·38	27	18
19			·03	·04		·04	·02	·03	·05	·01	·91	·05	19
20		·02					·23	·25	·04	·01	·06	22	20
21		·22						·56		·04	·08		21
22	·18	·03		·02		·03		·11			·17		22
23	·05	·18				·40	·03		·09	·01		·13	23
24		·01	·04			·49	·01	·01		·11		·03	24
25		·13				·23			·30	·20	·01	·21	25
26				·01	·09			·03	·03	1·18	·61	·16	26
27		·06		·08	·06			·21	·11	·18	·06	·02	27
28		·01	·02	·29		·01				·04		·10	28
29			·01	·10		·06	·08	02	49	·18	·01	·04	29
30			·02		·22				10	·07			30
31					·22					06		·03	31
Total	1·28	0·95	2·05	1·27	1·48	3·17	0·53	2·02	2·25	2·58	3·85	4·07	TOTAL for year 25·50
No. of Rain Days.	11	12	18	17	10	13	9	13	10	21	23	22	179

W. 8,000, X. '11.

RE

FORM A2.
BRITISH RAINFALL.
20 JAN 1912

Kept at Darlington, Cleveland Parade

in the County of Durham

by W. W. Willmott

RAIN GAUGE
Pattern
Diameter of top in.
Height of top above Ground ft. in.
" " " Sea Level ft.

Time of Observation

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1								·15			·02		1
2	·20				·20		·02			·07		·06	2
3	·02		·07	·04	·15		·01	·06		·17	·07		3
4	·03		·16	·26	02			·23		·13	·15	·17	4
5	·01		·04	·03				22		·03	·02		5
6	·23		·11	·12				·14		·04	·04	·45	6
7	·01		·01	·03							·07		7
8			·36	·02		·08				·02	·13	·30	8
9				·03								·17	9
10	·01	·10		·01								·40	10
11	·36					·07			·16		·25		11
12	·18		·06	·01	·13				·88		·15		12
13			·10		·01					·01	·06	·37	13
14			·19		·48						01	·33	14
15		·06	·25	·10		·13				·01	·15	·32	15
16		·01	·44	·08		·31	·09			·01	·02	·06	16
17			·04			·01	·04				·42	18	17
18		·12	·10			·31					·38	27	18
19			·03	·04		·04	·02	·03	·05	·01	·91	·05	19
20		·02					·23	·25	·04	·01	·06	22	20
21		·22						·56		·04	·08		21
22	·18	·03		·02		·03		·11			·17		22
23	·05	·16				·40	·03		·09	·01		·13	23
24		·01	·04			·49	·01	·01		·11		·03	24
25		·13				·23			30	·20	·01	·21	25
26				·01	·09			·03	·03	1·18	·61	·16	26
27		·06		·08	·06			·21	·11	·18	·06	·02	27
28		·01	·02	·29		·01				·04		·10	28
29			·01	·10		·06	·08	02	49	·18	·01	·04	29
30			·02		·22				10	·07			30
31					·22					06		·03	31
Total	1·28	0·95	2·05	1·27	1·48	3·17	0·53	2·02	2·25	2·58	3·85	4·07	TOTAL for year 25·50
No. of Rain Days.	11	12	18	17	10	13	9	13	10	21	23	22	179

W. 8,000, X. '11.

wrote

cnd by obr. 26.III.13

BRITISH RAINFALL. FORM A.
15 JAN 1913

REGISTER ~~OF~~ RAINFALL IN 1912.

Kept at 18 Cleveland Parade Darlington
in the County of Durham
by Walter W Willmott

Lat. Long.
Time of Observation 8·30 am
Nearest Railway Station Darlington
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 3 in.
" " " " Sea Level 160 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
no rain fell from 8·30 to 9·0 am

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1		·13	·12	·02		·33	·15	·32	·09	·07	·05	·09	1
2		·19	·08	·01		·50	·19	·19	·01	·06			2
3	·16	·16				·63		·61	·37			·20	3
4	·17		·26		·03	·76		·48	·02		·11		4
5					·21	·13							5
6	·59	·18				·17		·03		·02			6
7		·02			·12			·05	·25	·01	·04		7
8	·38	·10	·08	·03		·08			·31		·23	·01	8
9	·03	·01	·10			·33					·02		9
10	·02		·01			·83					·05	·02	10
11		·10			·01			·32	·03		·26	·02	11
12	·07	·10	·01			·09	1·29				·34	·01	12
13	·07					·03			·01	·07	·41	·01	13
14	·01		·25			·08		·02			·01	·06	14
15	·07		·33		·57	·06		·02				·14	15
16	·15		·05		·02			·01		·03			16
17	·06	·08	22			·28		·24			·03	·07	17
18		·06				·02	·02			·02	·01		18
19	·08	·31	·02				·14	·30		·03	·03		19
20	·16	·06	·01	~~·06~~	·53	·06				·16	·02		20
21		·01	·15	~~·01~~	·04	·01	·18	·01					21
22	·05	·08		~~·49~~	·42	·49		·12				·01	22
23	·02		·06	~~·03~~	·04	·02	·31	·54		·15			23
24	·20			~~·03~~		·03	·17	·06			·02	·18	24
25	·29			~~·40~~		·40		·67			·14		25
26	·07	·12	·02	~~·06~~		·06	·19	·25		·94	·15	·20	26
27				~~·30~~		·30	·21	·01		·20	·03	·22	27
28		·04		~~·14~~		·14	·18	·37		·23			28
29		·02	·18	~~·27~~	·04	·27	·05	·04	·38	·05		·03	29
30	·02		·03	~~·30~~	·13	·30	·03	·02	·61	·12			30
31			·12		·03		·66	·24					31
Total	2·67	1·77	2·10	·06 ~~2·15~~	2·19	6·40	3·77	4·92	2·08	2·16	1·95	1·27	YEAR'S TOTAL 31·34 ~~33·45~~
Rain Days.	20	18	19	3 ~~14~~	13	26	14	23	10	15	18	15	~~205~~ 194

W. 7,500, XI, ·12

18 Cleveland Pde
Darlington 26/3/13

Dear Sir.

I am extremely sorry at the inexcusable error in my April 1912 returns – Your figure is correct ·06 instead of 2·15 of rain & this reduces my total to 31·34 – The number of days on which ·01 or more fell is also wrong – Regretting the trouble caused by my carelessness

Yrs ty–

W. W. Willmott

POST CARD

DAR
10.30 AM
MR 26
13

½ HALFPENNY ½
POSTAGE

Dr H R Mill
"Brit: Rainfall"
62 Camden Square
London N.W.

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.
17 JAN 1914

Kept at 18 Cleveland Parade Darlington

in the County of Durham

by Walter W. Willmott

Lat. .... Long. ....

Time of Observation ....

Nearest Railway Station ....

Diameter of Rain Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

" " " " Sea Level .... ft.

As previously

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·04		·11						·04	·08	·08		1
2		·01	·10								·03		2
3	·04				·23		·29		·02	·04			3
4	·21		·01		·02	·09	·02				·03	·27	4
5	·61	·04	·09			·06	·01	·17		·22			5
6		·24	·20		·29	·25	·17				·05		6
7		·26		·01	·06	·09				1·06		·01	7
8	·01				·50			·13	·06	·30	·07		8
9		·08		·03	32	·05					·02		9
10			·04				·02				·25		10
11	·50			·62		·03					·05		11
12	·36							·01	·16		·02		12
13				·02				·09	·08	·02	·04		13
14	·04	·08	·10	·01				·01		·06			14
15	·17		·15	·17				·02			·05		15
16			·01	·01							·01		16
17			·08	·03		·03			·01		·03		17
18	·02		·33	·16		·06	·01				·05		18
19	·10		·09	·01					·70	·02	·02		19
20	·45		·04	·05	·03			·01	·48	·15	27		20
21	·08		·03					·19	·01				21
22	·06	·02		·03	·03	·01		·32	·07				22
23	·13		·59			·09	·02	·01	·06		·06		23
24	·13			·01							·02		24
25				·02					·65	·02		·01	25
26			·01	·74		·10		·01	·49	·11	·14	·21	26
27			·03	·26	·07			·01		·03	02	·05	27
28	·25		·17	·73	·05							·30	28
29	·04		·30	·41	·04			·35	·01	·04	·02	37	29
30	·21		·01		·07					·15		07	30
31	·13		·01		·05			·01					31
Total	3·58	0·73	2·50	3·32	1·76	0·82	0·54	1·34	2·84	2·30	1·33	1·29	YEAR'S TOTAL 22·35
Rain Days.	20	7	21	18	13	11	7	14	14	14	21	8	168

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.

Kept at 18 Cleveland Parade Darlington

in the County of Durham

by Walter W. Willmott

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		·03					·39	·07				·21	1
2	·01			·01			·50	·49		·05	·28	·13	2
3	·03		·03		·26						·03	·52	3
4	·01			·11	·06	·03					·12	29	4
5	04			·03	·05	·02	·01				·31	·02	5
6					·02			·14			·02	·08	6
7		·04	·15	·08	·13	·27		·05			·07	·03	7
8	·30		·12		·11	·42	·18			·10		·03	8
9	·45			·12	·02	1·54		·07	·11		·13	08	9
10	18	·14									·03	02	10
11		·04	·12								·18	·11	11
12	·03	·11					·03		·09		·01	·28	12
13	·01	·04	·14				·01		·04		·11	·20	13
14	·10	·23					·08		·02	03	·23	·24	14
15	·02	·05	·15		·02		·10		·07		·54	·01	15
16	·09		·08				·98		·28		·05		16
17	·04	·07					·05		1·01			·09	17
18	·01	·04	·04			·10	·09		·06		·01	·03	18
19									·06		·06	·06	19
20		·07	·10							·02			20
21		·23				·66	·01	·02		·05	·04	·03	21
22	·02	·03	·03		·38	·04		·10		·03	·01		22
23			·46	·12	·24	·21					·01		23
24	·01		·21	·04				·14		·02	·14		24
25	·02	·03	·04					·07		·53	·01	·26	25
26	·04		·13				·16	·01		·17	·02	34	26
27										·05	·14	31	27
28			·02					.05			·04	07	28
29	01		·06					·22		·68	·11		29
30	01	X	·09	·04				·06		·10	16	·32	30
31	22	X		X		X	·22		X	30	X		31
Total	1·65	1·15	1·97	0·55	1·29	3·29	2·81	1·49	1·74	2·13	2·86	3·76	YEAR'S TOTAL ·24·69
Rain Days.	21	14	17	8	10	9	14	13	9	13	26	24	178

W. 8,000. X. 14.

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.
19 JAN 1916

Kept at 18 Cleveland Parade Darlington
in the County of Durham
by Walter W. Willmott

Lat. Long.
Time of Observation 8·30 am
Nearest Railway Station our own
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 3 in.
" " " " Sea Level 160 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·28	·11			·15		·55	·10	·19		·07	·15	1
2		·12	·03	·16		·04	·04	·40	03		·10	·01	2
3	·51	·02		·07			·06				·30	·69	3
4	·10	·01			·06		·25	·34			·03	·84	4
5	·05	·09					·01			·03	·03	·72	5
6	·66	·18	·06	·03			·66	·03	·12	·01		·07	6
7	·18	·20	·09				·51	·14			·01		7
8	·10	·10						·01			·15		8
9	·06	·01	·07							·06		·74	9
10			·11					·14				·15	10
11	·05	·14	·02	·03	·58		·01	·01			·04		11
12	·13	·06		·13			·23			·05	·83	·02	12
13		·27			·02		·01	·17	·05			·02	13
14		·18		·01	·13		·03	06			·05	·02	14
15	·10							·12	·01	·02		·10	15
16		·19						29		·07			16
17		·28					54		·03		·02		17
18		·27	·35				·01		·06	·10	·05	·18	18
19		·01								·09	·03	·03	19
20	·01				·53		·10					·39	20
21	·20			·09			·01			·01		·05	21
22	·06						·30					·15	22
23		·16	03				·09		·02			04	23
24	·17		·16	·09			·03		·34	·10		03	24
25			·01			·04	·01		·01	·06		03	25
26	·01		·03			·14	04			·01	02	·41	26
27			·02				·12			·25	04	·38	27
28	·10	06	·07		·19		02	48				·02	28
29			·03		·25			·01		07	·21	·63	29
30		✕		·16				01			·03	·01	30
31		✕	01	✕		✕		·09	✕	03	✕	19	31
Total	2·17	2·46	1·09	·77	1·91	·22	3·63	2·40	·86	·96	2·01	6·07	YEAR'S TOTAL 24·55
Rain Days.	17	19	15	9	8	3	22	16	10	15	17	26	177

8,000. X. 15.

EGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.
23 JAN 1917

Kept at 18 Cleveland Parade
Darlington
in the County of Durham
by Walter Wm Willmott

Lat. Long.
Time of Observation 8.30 am
Nearest Railway Station Darlington N.E.R.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 3 in.
" " " " Sea Level 160 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62 Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	Mrch.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·23		·13			·09	·18				·05		1
2	·02	·03	·13			·01			·12	·04		·04	2
3		·14	·08	·10		·02	·39		1·34	·06	·19		3
4	·02	·13	·06		·61	·20			·05	·20	·27		4
5	·02		·15		·66	·09	·02			·35	·22		5
6	·01		·23	·03	·54	·02	·09			·04	·13		6
7			·16		·25	·21	·14			·06	·03	·22	7
8		·03	·32		·13		·01						8
9			·08		·13	·29						·15	9
10	·01		·09		·01	·16	·03			·03	·02	·26	10
11		·28	·26	·03	·03	·08	·22		·05	·07		·12	11
12			·44	·01	·59	·02	·31			·01		·42	12
13		·08	·24		·09		·11	·25	·05	·26	·01	·04	13
14		·12	·05		·04	·04	·01	·20		·07	·03	·13	14
15		·19	·54	·04			·06	·55					15
16		·09	·22	·09	·04		·03	·13				·12	16
17	·03	·22	·01	·10			·07		·10	·10	·03		17
18			·62	·16		·02	·03	·26	·08	·06	·39	·12	18
19		·01	·08	·26				·03	·03		·42		19
20			·27								·09	·10	20
21	·02		·16		·01		·38					·04	21
22	·01	·11					·03		·01	·09	·01		22
23		·01	·03			·05				·02	·03	·19	23
24		·02	·06	·02		·98		·23				·02	24
25		·11	·12		·09			·54		·23		·02	25
26	·08	·26	·08		·01	·02		·01			·03		26
27		·16			·02		·29	·29	·01	·30			27
28		·34	·11						·02	·12	·01	·19	28
29		·30				·02		·02		·09		·01	29
30		✕		·01	·02		·02			·35			30
31	·02	✕		✕		✕			✕	·13	✕	·01	31
Total	·47	2·63	4·12	·85	3·27	2·32	2·42	2·51	1·86	2·68	1·96	2·20	YEAR'S TOTAL 27·29
Rain Days.	11	19	26	11	17	17	[illegible]	11	11	21	17	18	[illegible]

W. 8,000, VIII. 16

REGISTER OF RAINFALL IN 1917

FORM A.
BRITISH RAINFALL.

Kept at Cleveland Parade, Darlington
in the County of Durham
by E. W. Willmott

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1				·14		·08		·12	·27		·16	·06	1
2	·04			·11		·01		·15	·13				2
3			·11	·15			·01	·01		·03	·02		3
4			·12	·01				·05		·01	·01		4
5	·13			·23				·01		·05		·09	5
6			·01			·02		·01		·26	·02		6
7	·76		·01			·22		·20		·10		·09	7
8	·37		·01	·12				·81		·21	·05	·06	8
9	·16		·75					·63		·01	·15		9
10	·17		·01	·25	·05			·15		·05	·03		10
11	·08	·03	·01	·01	·02			·14		·08			11
12	·09	·02		·03	·14			·01		·25		·09	12
13	·43			·01	·09	·19		·23	·09	·03			13
14	·47			·22	·28			·03				·03	14
15	·07			·08	·06		·04	·20		·01	·01	·11	15
16	·11			·24	·01	·09		·04				·31	16
17	·08	·03		·18		·35		·22	·01			·21	17
18	·02		·21	·03	·08		·19	·14	·02				18
19	·12	·15	·08			·06		·01					19
20	·11	·39	·14	·02	·19	·24		·06	·13		·17	·18	20
21	·01	·19	·14					·04	·01	·01			21
22		·02				·06		·03					22
23		·01			·10	·01		·07	·01	·01			23
24		·02						·01		·30	·16		24
25		·03	·08			·05	·01	·07		·08		·01	25
26	·01		·16			·11		·91	·11	·09	·01		26
27	·03		·15		·09	·18	·72	·63		·03		·10	27
28	·02		·10			·01	·03	·41		·01		·07	28
29			·05				·04	·01		·23		·01	29
30		✕	·02	·01				·01		·01	·03	·07	30
31	·07	✕	·18	✕		✕		·02	✕		✕	·19	31
Total	3·35	·89	2·34	1·84	1·11	1·68	1·04	5·43	·78	1·86	·82	1·68	YEAR'S TOTAL 22·82
Rain Days.	21	10	19	17	11	15	7	31	9	21	12	16	189

W. 8,000, VIII. 16

DL

DARLINGTON —

HURWORTH GRANGE

DURHAM

1911 - 1915

FORM A2.
BRITISH RAINFALL.
~~26 JAN 1912~~

444

REG

Kept at Hurworth

in the County of Durha

by Mrs J. E. B

5 in.

Ground 1 ft. in.

Sea Level 161 ft.

Name

Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1					·01			·15					1
2	·27				·20		·08			·04	·04	·05	2
3	·02		·09	·02	·13		·01	·02		·15	·03		3
4	·05			·25				·23		·10	·12	·17	4
5			·03	·04				·25		·02	·05		5
6	·22		·08	·07				·13		·09	·03	·56	6
7	·02		·01	·02							·06		7
8			·32	·01	·02	·04					·14	·33	8
9				·02								·19	9
10	·01	·08				·01						·39	10
11	·25							·03	·09		·28	·01	11
12	·29		·03	·01	·05	·06			·82		·12		12
13			·09		·02						·03	·40	13
14		·02	·23		·75						·02	·33	14
15		·03	·31	·07					·01	·03	·18	·25	15
16			·48	·06		·10	·09				·01	·07	16
17	·02	·01	·08			·17	·05				·35	·15	17
18			·05	·03		·02					·32	·30	18
19		·11	·01	·02		·05	·03	·09	·09	·13	·87	·09	19
20							·23	·24	·01	·01	·09	·15	20
21		·03						1·02		·05	·12		21
22	·18	·18		·01	·01	·04		·09			·20		22
23	·03	·02				·95			·09	·02		·10	23
24		·23	·04			·91	·04			·13		·05	24
25		·02	·01			·21			·34	·15	·02	·24	25
26		·14		·02	·08			·08	·05	1·29	·60	·16	26
27		·07	·03	·05	·06			·23	·11	·06	·05	·02	27
28		·03	·02	·27				·02				·09	28
29			·01	·15		—	·07	·01	·47	·25	·01	·04	29
30			·01		·20	·04			·09	·05			30
31					·14					·08		·04	31
Total	1·36	·97	1·93	1·12	1·67	2·60	·60	2·59	2·17	2·65	3·74	4·18	TOTAL for year 25·58
No. of Rain Days	11	13	19	17	12	12	8	14	11	17	23	23	180

9,000, IX. '10.

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REG~~ISTER OF RAINFALL IN 19~~

1144
FORM A2.
BRITISH RAINFALL
~~26 JAN 1912~~

Kept at Hurworth Grange

in the County of Durham

by ~~Mrs~~ J. E. Backhouse

RAIN GAUGE
Pattern
Diameter of top 5 in.
Height of top above Ground 1 ft. in.
" " " Sea Level 161 ft.

Time of Observation

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1					·01			·15					1
2	·27				·20		·08			·04	·04	·05	2
3	·02		·09	·02	·13		·01	·02		·15	·03		3
4	·05			·25				·23		·10	·12	·17	4
5			·03	·04				·25		·02	·05		5
6	·22		·08	·07				·13		·09	·03	·56	6
7	·02		·01	·02							·06		7
8			·32	·01	·02	·04					·14	·33	8
9				·02								·19	9
10	·01	·08				·01						·39	10
11	·25							·03	·09		·28	·01	11
12	·29		·03	·01	·05	·06			·82		·12		12
13			·09		·02						·03	·40	13
14		·02	·23		·75						·02	·33	14
15		·03	·31	·07					·01	·03	·18	·25	15
16			·48	·06		·10	·09				·01	·07	16
17	·02	·01	·08			·17	·05				·35	·15	17
18			·05	·03		·02					·32	·30	18
19		·11	·01	·02		·05	·03	·09	·09	·13	·87	·09	19
20							·23	·24	·01	·01	·09	·15	20
21		·03						1·02		·05	·12		21
22	·18	·18		·01	·01	·04		·09			·20		22
23	·03	·02				·95			·09	·02		·10	23
24		·23	·04			·91	·04			·13		·05	24
25		·02	·01			·21			·34	·15	·02	·24	25
26		·14		·02	·08			·08	·05	1·29	·60	·16	26
27		·07	·03	·05	·06			·23	·11	·06	·05	·02	27
28		·03	·02	·27				·02				·09	28
29			·01	·15			·07	·01	·47	·25	·01	·04	29
30			·01		·20	·04			·09	·05			30
31					·14					·08		·04	31
Total	1·36	·97	1·93	1·12	1·67	2·60	·60	2·59	2·17	2·65	3·74	4·18	TOTAL for year 25·58
No. of Rain Days	11	13	19	17	12	12	8	14	11	17	23	23	180

9,000, IX. '10.

440

FORM A2. BRITISH RAINFALL. 25 JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at *Hurworth Grange*

in the County of *Durham*

by *J. Sampson*

RAIN GAUGE
Pattern
Diameter of top .... in.
Height of top above Ground .... ft. .... in.
" " " Sea Level .... ft.

Time of Observation

Nearest Railway Station
Name
Distance .... Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		·20	·14			·30	·19	·52	·09	·04		·09	1
2		·01	·10			·55	·15	·28	·02	·08			2
3	·19	·20				·60	·01	·62	·25	·02		·19	3
4	·14		·36		·02	·72		·45	·02		·10		4
5					·15	·13							5
6	·65	·11				·11		·20					6
7		·04	·01		·10			·03	·20		·04	·01	7
8	·33	·11	·08			·04			·29		·22	·01	8
9	·04	·01	·13			·35					·02		9
10	·02		·02			·60					·08	·02	10
11	·03	·07						·07	·02		·25	·02	11
12	·06	·08	·03			·05	1·59				·28	·03	12
13	·01	·01				·02			·01	·10	·24	·02	13
14	·07		·28			·12						·05	14
15	·07	·01	·24		·54	·02		·01				·11	15
16	·07	·01	·05		·01	·01				·06			16
17		·09	·22			·26		·21		·01		·10	17
18	·06	·05				·02		·01		·03			18
19	·07	·29	·04				·09	·26			·02		19
20	·13	·05			·59	·06	·07			·19	·02		20
21	·02		·10		·01		·31	·01				·02	21
22	·02	·08	·01		·40	·53		·12					22
23			·04		·03	·03	·35	·46		·19	·09		23
24	·16						·11	·03			·02	·24	24
25	·26					·46		·45		·01	·14		25
26	·04	·13	·03			·29		·11		·84	·11	·15	26
27			·02			·34	·40			·25	·03	·22	27
28		·02			·04	·42	·18	·39		·26	·11		28
29	·02		·18			·15	·07	·02	·39	·04		·03	29
30	·03		·02		·13	·12	·02	·01	·45	·06			30
31			·09		·03		·71	·20		·03		·03	31
Total	2·49	1·57	2·19	·00	2·05	6·30	4·25	4·46	1·74	2·21	1·77	1·34	TOTAL for year 30·37
No. of Rain Days.	22	19	21		12	25	14	21	10	16	16	17	193

W. 8,000, X. '11.

81 453

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.

31 JAN 1914

Kept at Hurworth Grange
in the County of Durham
by J. Simpson for A. C. Backhouse

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·05		·10	·25					·02	·02	·06		1
2		·02	·14	·01		·01				·02	·02		2
3	·02		·02		·22		·22		·02				3
4	·26		·01			·06	·07			·05		·29	4
5	·62	·04	·08			·09	·02	·20		·17			5
6		·32	·17		·29	·08	·15				·07		6
7		·24	·01		·05	·04				·99			7
8	·01	·01			·50	·06		·01	·04	·26		·01	8
9		·07	·03	·03	·28	·02		·07					9
10		·02			·10		·14	·01		·02	·25		10
11	·35	·02	·01	·58	·09	·01					·05	·01	11
12	·27						·01		·16		·06		12
13			·01	·01						·01	·05		13
14	·04	·08	·33	·02			·01		·06	·04			14
15	·24		·16	·10							·09		15
16			·01					·02			·02		16
17		·02	·11	·01		·02			·01		·04		17
18	·02		·35	·15		·05	·01				·06		18
19	·11		·11		·03				·68	·02	·01		19
20	·48		·08	·03					·47	·14	·36		20
21	·07		·05	·01	·03			·16	·01				21
22	·08		·53		·04	·02		·38	·07	·01			22
23	·13		·01			·04	·01	·01	·06		·06		23
24	·14			·02		·15					·01		24
25				·03		·01			·59				25
26		·01	·03	·63					·41	·13	·13	·27	26
27			·02	·28		·09				·04	·02	·13	27
28	·20		·16	·85	·01					·01		·27	28
29	·04		·28	·43	·03			·48		·03	·02	·22	29
30	·18		·01		·08	·01				·21		·10	30
31	·08		·02		·04								31
Total	3·39	·85	2·84	3·44	1·79	·76	·64	1·34	2·60	2·17	1·38	1·30	YEAR'S TOTAL 22·50
Rain Days.	20	11	26	17	14	16	9	9	13	17	18	8	178

W. 7,500, XI. ·12

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written 13.IV.15

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REGISTER OF RAINFALL IN 1914

H37

FORM A.
BRITISH RAINFALL.

28 JAN 1915

Kept at Hurworth Grange

in the County of Durham

by J. Simpson

Lat. .... Long. ....

Time of Observation ....

Nearest Railway Station ....

Diameter of Rain Gauge ....in.

Height of top of Gauge above Ground ....ft. ....in.

" " " " Sea Level ....ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		.03				.01	.48	.07				.19	1
2				.01			.49	.47		.02	.43	.06	2
3			.02		.25			.01			.04	.46	3
4				.12	.08	.02					.17	.25	4
5	12		.04	.06	.02	.02	.01			.04	.28		5
6				.05	.02			(.14) ~~04~~			.02	.11	6
7	~~3~~	05	.11		.13	.36		.04			.08	.09	7
8	.35		.13		.09	.51	.07	.07		.06		.04	8
9	.39	05		.11		1.39			.07		.11	.08	9
10	.16	.15	.01		.01				.14		.07	.04	10
11	~~.03~~	.05	.14		.11	.15			.01		.15	.06	11
12	.03	.12	.02			.01			.01		.01	.29	12
13	.05	.06	.13								.09	.17	13
14	.10	.21					.09		.02	.01	.08	.18	14
15	.01	.06	.09		.01		.09		.08		.37		15
16	.11		.04				.95		.39		.04		16
17	.06	.05	.01				.04		.94			.12	17
18	.02	.03	.04			.10			.05		.01	.05	18
19							.07		.05		.04	.04	19
20	.01	.07	.10			.09				.02			20
21		.18	.02			.93	.03			.01	.05	.03	21
22		.06	.02		.49	.16		.06		.02	.04	.36	22
23			.03	.01	.22	.04						.02	23
24	.02		.30	.12				.14			.18		24
25	.02	.03	.05					.08		.45	.02	.27	25
26			.10				.11	.02		.16	.04	.24	26
27	.02									.04	.15	.40	27
28			.01					.03		.01	.04	.05	28
29	.01		.08		.02			.20		.63	.10		29
30	.03		.14	.04	.02			.07		.07	.18	.33	30
31	.24				.01		.27			.30			31
Total	1.75	1.20	1.63	.52	1.48	3.79	2.70	1.40 ✓	1.76	1.84	2.79	3.93	YEAR'S TOTAL 24.79
Rain Days.	18	15	22	8	14	13	12	13	10	14	25	24	188

W.7,000, XI. 13

82

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.

Kept at Hurworth Grange
in the County of Durham
by J. Simpson

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·34	·11											1
2		·12	·17	·08									2
3	·52	·02	·04	·16									3
4	·10	·02											4
5	·05	·09											5
6	·06	·18	·06	·04									6
7	·16	·28	·06										7
8	·05	·10	·03										8
9													9
10	·09			·04									10
11	·01	·12	·13										11
12	·11	·09		·17									12
13		·18											13
14	·03	·16											14
15	·13	·04											15
16		·26											16
17	·01	·22	·01										17
18		·26	·16										18
19		·02	·08										19
20													20
21	·15	·01		·09									21
22	·04		·01										22
23	·11	·23	·03	·01									23
24			·16	·07									24
25													25
26		·06	·02										26
27		·07	·05										27
28		·02	·07										28
29			·05										29
30	·08	X		·10									30
31	·08	X		X		X			X		X		31
Total	2·12	2·66	1·13	·76									YEAR'S TOTAL
Rain Days.	18	22	16	9									

X. 14.

DURHAM

DARLINGTON.

HUMMERSKNOTT

1911-18, 1920

RE 19 11

FORM A2.
BRITISH RAINFALL.

12 JAN 1912

Kept at Humme

in the County of Dur

by John Sho

top 5 in.

above Ground 1 ft.

„ Sea Level 200 ft.

9 a.m

Name Darlington

Distance 13 mls Direction E

IMPORTANT NOT , and the result entered to the previous day. If an Obs universal rule, he is earnestly requested to add the read ing year in the space provided for it at the end of this easurement of rain, the selection and placin he British Rainfall Organization are given in e on application to Dr. H. R. Mill, 62, Cam

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1													1
2	·23	·02			·02					·05	·04	·1	2
3	·04		·1	·06	·17		·02			·15	·03		3
4	·02		·11	·28				·18		·14	·12	·19	4
5	·04		·03	·04				·21		·04	·05		5
6	·26		·09	·11				·11		·03	·03	·44	6
7						·08		·43			·06		7
8			·37								·14	·32	8
9												·16	9
10		·1		·05								·4	10
11	·32								·12		·28		11
12	·22		·06			·08			·92		·12		12
13			·09								·03	·39	13
14			·16		·49						·02	·34	14
15	·22	·05	·27	·09						·05	·18	·02	15
16			·43	·08		·1	·07				·01	·05	16
17			·08			·75				·05	·35	·06	17
18		·1	·05								·32	·36	18
19			·02			·07		·02	·02	·08	·87	·15	19
20				·06			·25	·27			·09	·14	20
21		·2								·06	·12	·	21
22		·03				·02	·02				·2		22
23		·19							·09			·05	23
24		·01	·05			·98	·01			·12		·2	24
25		·14				·19			·25	·25	·02		25
26									·01	1·11	·6	·17	26
27		·06	·09	·06	·07			·28	·08	·14			27
28				·28	·1			·02			·05	·1	28
29					·15		·2		·46	·18	·01	·04	29
30					·14	·04			·03				30
31										·07		·02	31
Total	1·35	·90	2·00	1·11	1·14	2·31	·57	1·52	1·98	2·52	3·74	3·70	TOTAL for year 22·84
No. of Rain Days.	8	10	15	10	7	9.	6	8	9	15	23	20	140

W. 8,000, X. '11.

REGISTER OF RAINFALL IN 1911

FORM A2.
BRITISH RAINFALL.
12 JAN 1912

Kept at Hummersknott.

in the County of Durham

by John Short.

RAIN GAUGE
Pattern
Diameter of top 5 in.
Height of top above Ground 1 ft.
" " " Sea Level 200 ft.

Time of Observation 9 a.m

Nearest Railway Station
Name Darlington
Distance 1½ mls Direction E

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1													1
2	·23	·02			·02					·05	·04	·1	2
3	·04		·1	·06	·17		·02			·15	·03		3
4	·02		·11	·28				·18		·14	·12	·19	4
5	·04		·03	·04				·21		·04	·05		5
6	·26		·09	·11				·11		·03	·03	·44	6
7						·08		·43			·06		7
8			·37								·14	·32	8
9												·16	9
10		·1		·05								·4	10
11	·32								·12		·28		11
12	·22		·06			·08			·92		·12		12
13			·09								·03	·39	13
14			·16		·49						·02	·34	14
15	·22	·05	·27	·09						·05	·18	·02	15
16			·43	·08		·1	·07				·01	·05	16
17			·08			·75				·05	·35	·06	17
18		·1	·05								·32	·36	18
19			·02			·07		·02	·02	·08	·87	·15	19
20				·06			·25	·27			·09	·14	20
21		·2								·06	·12	·	21
22		·03				·02	·02				·2		22
23		·19							·09			·05	23
24		·01	·05			·98	·01			·12		·2	24
25		·14				·19			·25	·25	·02		25
26									·01	1·11	·6	·17	26
27		·06	·09	·06	·07			·28	·08	·14			27
28				·28	·1			·02			·05	·1	28
29					·15		·2		·46	·18	·01	·04	29
30					·14	·04			·03				30
31										·07		·02	31
Total	1·35	·90	2·00	1·11	1·14	2·31	·57	1·52	1·98	2·52	3·74	3·70	TOTAL for year 22·84
No. of Rain Days.	8	10	15	10	7	9	6	8	9	15	23	20	140

W. 8,000, X. '11.

Form A2.
British Rainfall.

18 JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at Hummersknott
in the County of Durham
by John Short

Rain Gauge: Pattern Round
Diameter of top 5 in.
Height of top above Ground 1 ft. - in.
" " " Sea Level 200 ft.
Time of Observation 9. a.m.
Nearest Railway Station: Name Darlington
Distance 1¾ Direction S.E.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		·2	·2	·02		·38	·2	·31	·09	·5		·1	1
2		·01	·08	·01		·45	·19	·25		·06			2
3	·19	·2				·56		·6	·36	·05		·18	3
4	·14		·27			·74		·65	·02		·1		4
5					·25	·1							5
6	·65	·11				·19						·02	6
7		·04						·07	·23		·05	·02	7
8	·33	·11	·09	·03	·1	·06			·3		·2		8
9	·04	·01	·08			·28							9
10	·02					·75							10
11	·03	·07						·2			·21		11
12	·06	·08				·08	1·08				·28		12
13	·01	·01				·01			~~·07~~	·07	·35		13
14	·07		·25			·08						·2	14
15	·07	·01	·31		·56	·05							15
16	·07	·01	·05		·02		·36						16
17		·09	·23			·28		·24				·05	17
18	·06	·05				·01	·03						18
19	·07	·29	·04				·12	·32					19
20	·13	·05	·19	·06	·5	·04			~~·16~~	·16			20
21	·02			·01	·05		·15						21
22	·02	·08		·49	·4	·66		·11			·05		22
23				·03		·01	·31	·51	~~·16~~	·16	·1		23
24	·16			·03		·06	·26					·15	24
25	·26			·4		·35		·87			·2		25
26	·04	·13	·06	·06		·05		·25		·92	·05	·23	26
27				·3		·29	·42			·18		·2	27
28		·02		·14	·09	·04	·13			·18	·1		28
29	·02		·14	·27		·31	·03	·36		·03		·03	29
30	·03		·02	·3	·14		·02		·09	·1			30
31			·12		·05		·75	·28		·04			31
Total	2·49	1·57	2·13	2·15	2·16	5·83	4·05	4·96	1·09	2·45	1·69	1·16	TOTAL for year 31.73
No. of Rain Days.	22	19	15	14	10	24	14	14	6	12	11	9	170

W. 8,000, X. '11.

cmd for with 13.IV.14 cmd for S 29.IV.14

29.IV.14

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.

5- JAN 1914

Kept at Hummersknott
in the County of Durham
by John Short.

Lat. Long.
Time of Observation 9 a.m
Nearest Railway Station Darlington
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
" " " " Sea Level 200 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1				·24						·04	·06		1
2		·02	·11							·05			2
3	·1		·11		·23		·27						3
4	·27					·08	·07		·04	·06	·04	·29	4
5	·47	·04				·04		·13		·22			5
6	·02	·2	·28		·27	·18	·19				·05		6
7		·28			·07	·08				·95			7
8		·02			·68					·25	·07		8
9		·1		·05	·3	·04			·03		·02		9
10			·03		·07						·25		10
11	(1·00)			·62	·25	·04					·04		11
12					·23			·07					12
13				·01				·07			·04		13
14	·03	·07	·05	·01				·01		·07			14
15	·15		·25	·15							·07		15
16			·01								·01		16
17			·03			·02					·05		17
18			·32	·15		·05	·02				·03		18
19	·4		·05						·2		·07		19
20	·2		·01	·05				·05	·82	·17	·27		20
21	·06		·04	·03		·03		·13					21
22	·07		·63		·06			·38	·07				22
23	·09			·2		·08			·13		·06		23
24	·11			·01		·07							24
25				·02					·72				25
26			·02	·82					·36	·13	·12	·23	26
27			·03	·24	·07	·09				·03			27
28	·27		·21	·72	·02							·16	28
29	·02		·36	·4	·05	·03				·17	·03	·44	29
30	·22		·02		·06			·33		·17		·1	30
31	·12												31
Total	2·60 (3·60)	·73	2·56	3·52	2·36	·83	·55	1·17	2·37	2·31	1·28	1·22	YEAR'S TOTAL ~~21·48~~ (22·50)
Rain Days.	~~16~~ 18	7	18	15	13	13	4	8	8	12	17	5	~~146~~ 138

W. 7,500, XI. 12

Ex DL

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
18 JAN 1915

Kept at Hummersknott

in the County of Durham

by John Short

Lat. ______ Long. ______

Time of Observation 9. a.m.

Nearest Railway Station Darlington

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. ______ in.

" " " " Sea Level 200 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		·03					·37	·05				·1	1
2			·03				·4	·39		·07	·29	·2	2
3					·27						·06	·36	3
4				·1	·04	·02						·29	4
5			·04	·03			·01	·01			·43		5
6				·07	·03			·13				·08	6
7		·03	·15		·1	·52		·01			·08		7
8	·28		·12		·11	·5	·09	·07	·02	·07			8
9	·45	·03		·12		1·78			·07		·1	·12	9
10	·15	·15							·08		·02		10
11		·04	·1		·13	·14					·19	·45	11
12		·1					·02					·29	12
13	·02	·04										·24	13
14	·1		·14				·1		·06		·28	·15	14
15	·01	·05	·11				·15		·02		·56		15
16	·06						·95		·32				16
17	·04	·06							·85		·02	·08	17
18						·12			·08				18
19							·09		·04		·18	·06	19
20		·1	·28			·1							20
21		·24	·03			·62							21
22					·37	·02		·09				·28	22
23				·17	·23						·1	·07	23
24			·29					·1					24
25			·06					·07		·67	·05	·27	25
26			·2				·15			·15	·02	·27	26
27	·06										·17	·33	27
28								·06			·01		28
29	·01		·08					·25		·66	·1		29
30		X	·09	·04				·05		·15	·06	·36	30
31	·23	X		X	·02	X	·22		X	·28	X		31
Total	1·41 1·41	·87	1·72	·53	1·30	3·82	2·55	1·28	1·54	2·05	2·72	4·00	YEAR'S TOTAL 23·79
Rain Days.	11	11	14	6	9	9	11	12	9	7	18	19 18	~~136~~ 135

W. 8,000. X. 14.

3719

FORM A. BRITISH RAINFALL.

5 JAN 15

REGISTER OF RAINFALL IN 1915

Kept at Hummersknott

in the County of Durham

by John Short.

Entered

Lat. Long.

Time of Observation 9. a. m

Nearest Railway Station Darlington

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

" " " " Sea Level 200 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	~~Feb.~~ November	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	~~Nov.~~ February	Dec.	Date.
1	·28	·08					·6	·18	·56		·06	·14	1
2		·11	·15	·08	·15			·34	·17		·12		2
3	·5	·43		·15					·01		·02	·6	3
4		·05			·05			·3				·74	4
5		·07		·03	·03						·11	·72	5
6	·05		·06								·18		6
7	·17							·2	·1		·36		7
8	·05	·18						·03			·09		8
9												·05	9
10	·06		·22					·11				·7	10
11		·07			·59						·12	·12	11
12	·11	·73		·24							·05		12
13							·62	·45	·05		·26		13
14				·02	·16		·3	·04			·15	·02	14
15	·1						·2	·43				·09	15
16								·16		·08	·2		16
17		·05	·03				·56		·39		·22	·2	17
18		·04	·23							·11	·25		18
19			·04		·05		·21			·08			19
20					·51		·11		·1		·02	·4	20
21	·1			·08			·52					·05	21
22	·05				·03		·29					·14	22
23	·08		·03				·01				·11		23
24			·26	·11			·01			·1		·29	24
25						·05				·05		·04	25
26			·03			·13	·04			·17	·1	·39	26
27							·05			·27	·13	·36	27
28			·05		·2					·05	·03	·03	28
29		·26	·02		·23	·01		·47	·03	·01		·62	29
30	·1			·25				·02					30
31	·08											·17	31
Total	1·73	Nov. 2·07	1·12	·96	2·	·19	3·52	2·73	1·41	·92	Feb. 2·58	5·87	YEAR'S TOTAL 25·10
Rain Days.	13	11	11	8	10	3	13	12	8	9	19	20	137

W. 8,000. X. 15.

✓

3652

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.

6 JAN 1917

Kept at Hummersknott

in the County of Durham

by John Short

Lat. .... Long. ....

Time of Observation 9. a.m

Nearest Railway Station Darlington

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. ..... in.

" " " " Sea Level 200 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·16		·13			·06	·21				·03		1
2	·01	·04	·16							·1		·03	2
3		·11	·1	·1	·68		·31	·02	·16	·15	·23		3
4		·08				·24	·05		1·22	·36	·28		4
5		1·	·12	·03	·56	·11			·03	·1	·21		5
6		·14	·3		·52	·2	·03				·14		6
7			·16		·3		·25					·21	7
8		·02	·37		·13								8
9			·08			·26						·16	9
10	·04		·05			·15	·02						10
11		·28	·25	·03		·07	·1		·04	·06		·1	11
12	·01	·01	·46		·57		·27					·72	12
13		·02	·28		·1		·12	·38		·33		·05	13
14		·26	·04	·08				·22	·03			·15	14
15		·15	·47	·03			·06	·78				·14	15
16		·06	·21	·09	·1		·05	·14					16
17	·01			·09	·08		·08	·01	·07	·15	·1		17
18		·23		·15		·05		·24	·08		·41	·15	18
19	·03		·2	·29				·03			·41		19
20	·08		·25	·09		·02	·37				·09		20
21			·1	·04	·03							·04	21
22		·15				·03				·14			22
23			·08								·02	·08	23
24			·02			·46		·26				·13	24
25		·2	·08		·05	·03		·57		·3			25
26	·06	·23											26
27		·34	·05				·39	·5		·36			27
28		·18	·17		·1					·03	·02		28
29		·31								·12			29
30		×								·36	·02		30
31	·31	×		×		×	·02		×	·13	×		31
Total	·71	3·81	4·13	1·02	3·22	1·68	2·33	3·15	1·63	2·69	1·96	1·96	YEAR'S TOTAL 28·29
Rain Days.	9	19	23	11	12	12	15	11	7	14	12	12	157

W. 8,000, VIII. 16

3500

FORM A.
BRITISH RAINFALL.

10 JAN 1918

REGISTER OF RAINFALL IN 1917

Kept at Hummersknott - Darlington

in the County of Durham

by John Short.

Lat. ______ Long. ______

Time of Observation 9 a.m

Nearest Railway Station Darlington

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

" " " " Sea Level 200 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1				·21		·07		·12	·34		·15		1
2				·25		·03			·16				2
3	·05			·12				·2	·04				3
4											·03		4
5	·1			·23						·08		·05	5
6						·04							6
7	·58		·06			·21		·11		·13		·2	7
8	·36			·03				·8		·24	·07	·1	8
9	·14		·04					·56		·03			9
10	·2		·7	·36	·09			·17					10
11				·06	·05			·08		·06			11
12	·11				·16			·02		·31		·05	12
13	·12				·03	·26		·4	·08				13
14	·72	·06		·13	·31			·03					14
15	·06			·13			·03	·06				·2	15
16	·12			·21		·1		·22				·58	16
17	·06	·07		·16		·93			·02				17
18				·04	·28		·19	·11					18
19		·16	·3		·18	·06					·11	·23	19
20		·36	·04			·28		·06	·09		·2		20
21		·14						·08					21
22			·12					·1					22
23					·08								23
24							·05			·28	·23		24
25			·08			·14		·07		·06		·09	25
26	·11		·2			·16	·01	·72	·12	·07		·03	26
27	·1		·17			·18	·78	·54					27
28			·1			·03	·02	·5				·1	28
29	·1						·13			·26		·02	29
30		×						·02		·02			30
31	·1	×		×		×	·02	·01	×		×	·25	31
Total	3·03	·79	1·81	1·93	1·18	2·49	1·23	4·98	·85	1·54	·79	1·9	YEAR'S TOTAL 22·52
Rain Days.	16	5	10	12	8	13	8	22	7	11	6	12	130

W. 8,000, IX. 17.

REGISTER OF RAINFALL IN 1918

FORM A.
BRITISH RAINFALL.

4. 1. 19

Kept at Hummersknott
in the County of Durham
by John Short

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Darlington
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
" " " " Sea Level 200 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·02		·08						·08	·15	·25		1
2		·07	·04	·1					·15			·15	2
3					·05						·06		3
4	·02				·4			·14		·1	·19	·06	4
5			·15	·07	·42		·03	1·5		·07			5
6		·32		·13		·27				·13			6
7	·06			·23			·01				·25		7
8				·18			·1						8
9		·43		·23				~~·18~~	·18	·3			9
10		·05					·3	~~·47~~	·47				10
11	·28	·03			·25		·04	~~·08~~	·08				11
12		·24			·11		·09						12
13				·12	·16				·15	·1			13
14	·08			·04		·09	·06		·1				14
15			·27				·61		·52		·08	·96	15
16							·24	·08	1·17			·17	16
17							·44		·43	·18		·13	17
18	·36						·41	·16	·32	·1			18
19	·77		·14	·23			·43		~~·18~~	·28			19
20	·27	·46		·21	·02		·46		·02	·03			20
21	·14								·14	·12			21
22	·21				·11		·06				·08	·33	22
23	·08				·39		·16		·25			·01	23
24		·03				·15	·12		·18				24
25					·09			·39	·05				25
26		·03						·1	·3				26
27						·02		·36	·11				27
28		·2	·25									·3	28
29			·03						·26			·34	29
30		X	·03							·02	·06	·58	30
31		X	·19	X		X			X		X	·07	31
Total	2·29	1·86	1·18	1·54	2·	·53	3·56	2·73	4·96	1·58	·97	3·1	YEAR'S TOTAL 2630
Rain Days.	11	10	9	10	10	4	16	7	19	12	7	11	~~126~~

W, 6,500, VII. 18. w w c

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

JAN 1921

Kept at Hummersknott

in the County of Durham

by

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·16		·1	·32	·75		·25			·3			1
2	·42		·05	·21			·01		·12	·8		·37	2
3	·19			·22			·85	·04		·11		·22	3
4				·04			·48	·42	·11	·66			4
5			·02		·11		·17	·12		·05		·05	5
6			·09	·08	·02							·02	6
7							·34						7
8				·2	·05		·04				·75		8
9				·35			·02	·1					9
10	1·12	·04		·41			·17	·08					10
11	·36	·05		·2	·26							·33	11
12	·06		·1	·25		·16	·08					·2	12
13			·03	·04							·03	·09	13
14			·39	·18			·06		·06	·1	·13		14
15		·07	·05	·11							·1		15
16				·02			·38		·08				16
17					·1		·01		·09				17
18	·26				·15	·2	·31	·01	·07				18
19		·33		·17				·05					19
20				·25									20
21				·02			·24	·31				·09	21
22	·13	·11		·11			·05					·51	22
23												·1	23
24			·62	·05		·03	·16						24
25	·13		·15				·50						25
26	·3		·46				·05						26
27			·04		·4	·3			·02		·22		27
28	·52		·27	·25	[illegible]				·96		·03	·2	28
29	·17		·07		1·55								29
30	·02	×	·05								·08	·12	30
31	·08	×	·03	×	·09	×	·09		×		×	·1	31
TOTAL	3·92	·6	2·52	3·48	3·48	·69	4·26	1·13	1·51	2·02	1·34	2·4	YEAR'S TOTAL 27·35
Days with ·01 in. or more	14	5	16	20	10	4	20	8	8	6	7	13	~~131~~
Days with ·04 in. or more	13	5	13	18	9	3	17	7	7	6	5	12	~~115~~

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

Form A. 1. **METEO** **ANIZATION.**

JAN 20

DARLINGTON
NORTH VILLA
DURHAM

1919 - 20

Kept at A.M.

in the County of Gauge 5 in.

by C. A. Lo Ground 1 ft 3 in.

Sea Level ft.

IMPORTANT N ered to the previous day.

If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January f the following year in the space provided for it at the end of this paragraph. Full instructions for t.e measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records takn in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1				#	·28	—	·45	—	·47	·04	·09	·04	1
2					—	—	·34	—	·02	—	·16	—	2
3					·06	·12	·13	—	·02	—	·22	·07	3
4					·02	·01	·07	·10	—	—	·16	·03	4
5					—	—	—	·13	·02	—	·09	·04	5
6					—	—	—	—	—	·01	·23	—	6
7					·15(?)	—	—	—	—	—	·03	—	7
8					·03	—	—	—	—	·04	·42	·02	8
9					—	—	—	—	—	—	·17	—	9
10					·06	—	—	—	—	·04	·26	·18	10
11					·20	—	·05	—	·15	·03	·15	—	11
12					—	·01	·13	·13	·07	·22	—	·01	12
13					—	—	·07	—	—	·12	·02	·01	13
14					—	—	—	·03	—	·02	—	·02	14
15					—	—	—	—	·03	·01	·07	·65	15
16					—	—	—	—	—	—	·07	·01	16
17					—	—	—	—	—	—	·08	—	17
18					·01	—	·03	·32	—	—	—	·07	18
19					—	—	·04	·15	—	—	·13	·04	19
20					—	·01	·12	·05	—	—	—	·10	20
21					—	·06	—	·02	·03	—	·01	·01	21
22					—	—	·01	—	·02	—	—	·07	22
23					—	·02	—	—	—	·78	·03	—	23
24					—	·15	—	—	—	·46	—	·01	24
25					·01	·04	—	·47	·01	—	·07	—	25
26					—	—	—	·30	·04	·13	·41	·26	26
27					—	—	—	—	—	·47	·20	·02	27
28					—	·02	—	·77	·04	·69	—	·19	28
29					—	·01	—	—	—	1·34	—	·11	29
30					—	·25	—	—	·01	·26	·14	·26	30
31					—		—	—		·25		·11	31
Total					0·82	0·70	1·44	2·47	0·93	4·91	3·16	2·33	Year's Total ~~25·55~~ 18·5
Days with ·01 in. or more					9	11	11	11	13	17	22	23	

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. .&E.W.

FORM A. 1. **METEOROLOGICAL OFFICE. BRITISH ANIZATION**

JAN 20

REGISTER OF RAINFALL IN 1919.

1 MAY – DEC 31

Kept at DARLINGTON

in the County of DURHAM

by C. A. Lowes

Lat. Long.

Time of Observation 9. A.M.

Nearest Railway Station

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 3 in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1				#	·28	—	·45	—	·47	·04	·09	·04	1
2					—	—	·34	—	·02	—	·16	—	2
3					·06	·12	·13	—	·02	—	·22	·07	3
4					·02	·01	·07	·10	—	—	·16	·03	4
5					—	—	—	·13	·02	—	·09	·04	5
6					—	—	—	—	—	·01	·23	—	6
7					·15(?)	—	—	—	—	—	·03	—	7
8					·03	—	—	—	—	·04	·42	·02	8
9					—	—	—	—	—	—	·17	—	9
10					·06	—	—	—	—	·04	·26	·18	10
11					·20	—	·05	—	·15	·03	·15	—	11
12					—	·01	·13	·13	·07	·22	—	·01	12
13					—	—	·07	—	—	·12	·02	·01	13
14					—	—	—	·03	—	·02	—	·02	14
15					—	—	—	—	·03	·01	·07	·65	15
16					—	—	—	—	—	—	·07	·01	16
17					—	—	—	—	—	—	·08	—	17
18					·01	—	·03	·32	—	—	—	·07	18
19					—	—	·04	·15	—	—	·13	·04	19
20					—	·01	·12	·05	—	—	—	·10	20
21					—	·06	—	·02	·03	—	·01	·01	21
22					—	—	·01	—	·02	—	—	·07	22
23					—	·02	—	—	—	·78	·03	—	23
24					—	·15	—	—	—	·46	—	·01	24
25					·01	·04	—	·47	·01	—	·07	—	25
26					—	—	—	·30	·04	·13	·41	·26	26
27					—	—	—	—	—	·47	·20	·02	27
28					—	·02	—	·77	·04	·69	—	·19	28
29					—	·01	—	—	—	1·34	—	·11	29
30		✕			—	·25	—	—	·01	·26	·14	·26	30
31		✕		✕	—	✕	—	—	✕	·25	✕	·11	31
TOTAL					0·82	0·70	1·44	2·47	0·93	4·91	3·16	2·33	YEAR'S TOTAL ~~25·55~~ ~~185~~
Days with ·01 in. or more					9	11	11	11	13	17	22	23	

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. &E.W.

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

4 JAN 192

Kept at DARLINGTON

in the County of DURHAM

by C. A. LOWER.

Lat. 54° 32′ N Long. 1° 32′ W.

Time of Observation 9. A.M.

Nearest Railway Station DARLINGTON. N. Road.

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 3 in.

" " " " Sea Level 100 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	·10	·28	·73	—	·29	—	·02	·12	—	—	1
2	—	—	·06	·27	·03	—	·02	—	·21	·09	—	·38	2
3	·01	·02	·01	·21	·01	·05	·96	·03	·15	·35	—	·15	3
4	·03	—	—	·05	—	—	·41	·46	·04	·75	—	·28	4
5	—	—	·04	—	·07	—	·15	·11	·01	·04	—	·04	5
6	—	—	·09	·06	·02	—	·11	—	—	—	—	·03	6
7	·07	—	·02	·03	—	—	·15	—	—	—	—	·01	7
8	·01	—	—	·17	·06	—	·12	·01	—	—	·32	—	8
9	·15	·01	—	·34	—	—	·13	·11	·01	·02	—	—	9
10	1·00	·03	·02	·38	—	—	·09	·06	—	—	—	·01	10
11	·21	·02	·03	·23	·22	—	—	—	—	—	—	·29	11
12	·15	—	·02	·24	·01	·08	·08	—	—	—	·01	·24	12
13	·09	·01	·03	·03	—	—	—	—	—	—	—	·08	13
14	—	·04	·25	·16	—	—	·06	—	·09	·07	·16	·03	14
15	—	·07	—	·11	—	—	·02	—	—	·12	·10	·04	15
16	—	—	—	·05	·03	—	·42	—	·15	—	—	—	16
17	—	·01	—	—	·10	—	·03	·02	·11	—	—	—	17
18	·14	·03	—	·04	·12	·23	·23	·01	·06	—	—	—	18
19	—	·31	—	·12	—	·05	·01	·03	—	—	—	—	19
20	·07	·03	—	·22	—	·03	—	—	·01	—	·01	—	20
21	—	—	—	·02	—	—	·23	·32	·12	—	—	·03	21
22	·06	—	—	·12	—	—	·04	—	—	—	—	—	22
23	—	—	·05	·06	—	—	·18	—	—	—	·01	·11	23
24	·02	—	·60	·01	—	—	·06	—	—	—	·01	·02	24
25	—	·09	·13	—	—	·02	·45	—	—	—	—	—	25
26	·03	·01	·49	·02	—	—	·05	—	—	—	—	—	26
27	·26	—	·05	·02	·55	·32	·01	—	—	—	·21	·03	27
28	·40	—	·28	·01	·01	·03	·03	—	—	—	·02	·18	28
29	·17	—	·07	—	1·65	·02	—	—	—	—	·03	·49	29
30	·05	✕	·03	·01	·03	·02	·01	—	·08	—	·08	·12	30
31	·06	✕	·03	✕	·06	✕	·06	—	✕	—	✕	·09	31
TOTAL	2·98	0·68	2·40	3·26	3·70	0·85	4·40	1·16	1·06	1·56	0·96	2·65	YEAR'S TOTAL 25·66
Days with ·01 in. or more	19	13	20	26	16	10	27	10	13	8	11	20	193
Days with ·04 in. or more	14	4	12	18	9	5	20	5	9	7	5	13	121

(44.283). 10/19. (52.638). Wt.10.000—359. 10.000. (2). 7/20. Gp.132. A.&E.W.

3539

—

DURHAM OBSERVATORY

1916 – 20

7806/2

Section **A** for the entry
BRITISH R

Station No. 3539
MINISTRY

FORM 1090

95 1916.

Kept at DURHAM
in the County of
Diameter of funnel of gauge
Height of top of gauge above
Height of ground above sea le

Jan. 1, following

THE MORNING M … OUS DAY

An observer who does not confo… … ear in the space on the right of this paragraph.

Please rea…

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
16	~~in.~~ mm.	~~in.~~ mm.	~~in.~~ mm.	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	†	
1	3·5	0·1	4·6	—	—	4·2	8·5	—	—	—	1·6	—		1
2	1·3	0·4	5·2	—	—	0·8	0·1	—	3·4	0·7	0·1	0·5		2
3	—	2·0	4·2	3·5	—	0·3	0·4	1·1	21·9	1·0	3·5	—		3
4	—	2·5	1·5	0·3	14·8	5·0	8·9	—	1·1	9·9	4·2	—		4
5	—	0·8	3·4	—	5·4	1·2	0·1	0·1	—	7·7	8·5	—		5
6	—	0·9	5·0	0·4	9·5	0·1	0·7	—	—	2·3	3·8	0·1		6
7	—	0·4	4·9	0·1	6·6	5·8	1·6	—	0·1	0·5	0·1	4·5		7
8	0·2	—	4·8	—	—	0·5	—	—	—	—	—	0·2		8
9	—	—	3·1	0·1	1·3	1·5	—	—	—	—	0·4	10·6		9
10	1·9	1·0	1·2	—	—	8·9	1·6	—	—	0·4	0·2	8·4		10
11	—	8·2	7·4	1·4	0·3	2·6	7·0	—	1·1	0·6	—	2·3		11
12	0·6	—	7·8	—	8·6	0·5	10·5	0·4	—	—	—	5·6		12
13	—	2·4	5·0	—	0·8	—	1·7	3·7	1·8	6·1	0·3	4·7		13
14	—	2·9	0·9	1·3	0·8	1·0	—	4·8	—	1·0	—	5·1		14
15	—	5·0	11·1	—	—	—	1·6	12·4	—	0·1	—	—		15
16	—	—	5·3	1·3	—	—	2·0	15·9	2·8	0·2	—	5·0		16
17	1·2	—	0·2	1·6	2·1	—	0·2	0·2	3·2	3·3	1·0	—		17
18	—	7·4	0·3	18·6	—	0·6	0·6	6·6	0·5	0·6	20·3	1·1		18
19	1·9	—	2·2	6·5	—	—	0·1	0·4	—	0·1	11·7	0·8		19
20	0·8	—	3·9	1·6	—	—	12·9	6·2	—	—	3·7	1·2		20
21	0·9	—	2·6	1·6	1·0	—	0·4	—	—	—	0·2	0·1		21
22	0·7	4·3	1·2	0·8	—	0·8	—	—	0·1	1·5	—	—		22
23	—	0·4	1·8	—	—	0·1	—	0·1	—	0·7	0·2	6·6		23
24	—	—	1·0	0·1	—	5·3	—	6·0	—	1·3	0·4	0·2		24
25	—	1·5	1·4	—	0·3	0·6	—	11·9	—	5·6	4·4	1·1		25
26	3·1	5·9	0·2	—	1·0	1·7	—	3·0	—	0·4	0·2	—		26
27	—	7·0	—	—	—	0·1	—	8·4	—	5·4	0·1	—		27
28	—	10·5	—	—	3·7	—	—	0·2	0·4	2·6	0·9	4·6		28
29	—	9·9	0·3	0·1	0·3	—	—	0·1	—	2·2	—	—		29
30	—	X	—	—	4·2	0·4	0·3	—	0·1	5·7	—	—		30
31	—	X	—	X	0·7	X	—	—	X	2·5	X	0·1		31
TOTAL 99	16·1	73·5	90·5	39·3	61·4	42·0	59·2 ~~49·2~~	81·5	36·5	62·4	65·8	62·8	Year's Total ~~681·0~~	
*Days with .01 in. or more.													691·0	
*Days with .04 in. or more.														

*See Instruction 3(*g*) on other side. †Spare column, no entries required, except year's total.

(*Signed*) (P.T.O.)

Section **A** for the entry

Station No. 3539

BRITISH RAINFALL ORGANIZATION—METEOROLOGICAL OFFICE—AIR MINISTRY

FORM 1090

REGISTER OF RAINFALL IN ~~195~~ 1916

Kept at DURHAM

in the County of

Diameter of funnel of gauge..........in.

Height of top of gauge above ground..........ft..........in.

Height of ground above sea level..........ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Please read the Notes and Instructions Overleaf

Jan. 1, following

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
16	~~in.~~ mm.	~~in.~~ mm.	~~in.~~ mm.	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm		
1	3·5	0·1	4·6	–	–	4·2	8·5	–	–	–	1·6	–		1
2	1·3	0·4	5·2	–	–	0·8	0·1	–	3·4	0·7	0·1	0·5		2
3	–	2·0	4·2	3·5	–	0·3	0·4	1·1	21·9	1·0	3·5	–		3
4	–	2·5	1·5	0·3	14·8	5·0	8·9	–	1·1	9·9	4·2	–		4
5	–	0·8	3·4	–	5·4	1·2	0·1	0·1	–	7·7	8·5	–		5
6	–	0·9	5·0	0·4	9·5	0·1	0·7	–	–	2·3	3·8	0·1		6
7	–	0·4	4·9	0·1	6·6	5·8	1·6	–	0·1	0·5	0·1	4·5		7
8	0·2	–	4·8	–	–	0·5	–	–	–	–	–	0·2		8
9	–	–	3·1	0·1	1·3	1·5	–	–	–	–	0·4	10·6		9
10	1·9	1·0	1·2	–	–	8·9	1·6	–	–	0·4	0·2	8·4		10
11	–	8·2	7·4	1·4	0·3	2·6	7·0	–	1·1	0·6	–	2·3		11
12	0·6	–	7·8	–	8·6	0·5	10·5	0·4	–	–	–	5·6		12
13	–	2·4	5·0	–	0·8	–	1·7	3·7	1·8	6·1	0·3	4·7		13
14	–	2·9	0·9	1·3	0·8	1·0	–	4·8	–	1·0	–	5·1		14
15	–	5·0	11·1	–	–	–	1·6	12·4	–	0·1	–	–		15
16	–	–	5·3	1·3	–	–	2·0	15·9	2·8	0·2	–	5·0		16
17	1·2	–	0·2	1·6	2·1	–	0·2	0·2	3·2	3·3	1·0	–		17
18	–	7·4	0·3	18·6	–	0·6	0·6	6·6	0·5	0·6	20·3	1·1		18
19	1·9	–	2·2	6·5	–	–	0·1	0·4	–	0·1	11·7	0·8		19
20	0·8	–	3·9	1·6	–	–	12·9	6·2	–	–	3·7	1·2		20
21	0·9	–	2·6	1·6	1·0	–	0·4	–	–	–	0·2	0·1		21
22	0·7	4·3	1·2	0·8	–	0·8	–	–	0·1	1·5	–	–		22
23	–	0·4	1·8	–	–	0·1	–	0·1	–	0·7	0·2	6·6		23
24	–	–	1·0	0·1	–	5·3	–	6·0	–	1·3	0·4	0·2		24
25	–	1·5	1·4	–	0·3	0·6	–	11·9	–	5·6	4·4	1·1		25
26	3·1	5·9	0·2	–	1·0	1·7	–	3·0	–	0·4	0·2	–		26
27	–	7·0	–	–	–	0·1	–	8·4	–	5·4	0·1	–		27
28	–	10·5	–	–	3·7	–	–	0·2	0·4	2·6	0·9	4·6		28
29	–	9·9	0·3	0·1	0·3	–	–	0·1	–	2·2	–	–		29
30	–	X	–	–	4·2	0·4	0·3	–	0·1	5·7	–	–		30
31	–	X	–	X	0·7	X	–	–	X	2·5	X	0·1		31
TOTAL 99	16·1	73·5	90·5	39·3	61·4	42·0	~~49·2~~ 59·2	81·5	36·5	62·4	65·8	62·8	Year's Total ~~681·0~~ 691·0	
*Days with .01 in. or more.														
*Days with .04 in. or more.														

*See Instruction 3(*g*) on other side.

†Spare column, no entries required, except year's total.

(*Signed*)..........(P.T.O.)

Section **A** for the entry of Daily Observations

Station No. 3539

BRITISH RAINFALL ORGANIZATION—METEOROLOGICAL OFFICE—AIR MINISTRY

FORM 1090

REGISTER OF RAINFALL IN ~~195~~ 1917.

Kept at Durham

in the County of ....

Diameter of funnel of gauge .... in.

Height of top of gauge above ground .... ft. .... in.

Height of ground above sea level .... ft.

Jan. 1. following

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
17	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	~~in.~~ mm	†	
1	–	1·5	–	1·7	–	0·9	–	12·7	13·2	–	3·9	–		1
2	0·7	0·1	–	4·4	–	1·8	–	5·7	–	–	–	–		2
3	–	–	–	5·0	–	0·5	0·7	–	0·4	1·0	–	–		3
4	–	–	1·5	0·1	–	–	–	0·1	–	–	0·5	–		4
5	0·2	0·1	1·9	9·2	–	–	–	0·3	0·2	0·6	1·2	–		5
6	–	–	0·1	–	–	1·3	–	0·1	0·1	3·3	1·3	–		6
7	15·7	–	0·9	–	–	3·9	–	3·7	–	4·7	–	1·2		7
8	5·0	–	2·2	2·0	0·2	–	–	19·5	1·6	8·0	2·2	9·0		8
9	4·8	0·2	0·1	0·2	–	–	–	6·4	–	2·5	2·1	4·8		9
10	7·7	0·1	14·6	6·5	3·9	–	0·2	3·9	0·2	2·5	1·3	–		10
11	3·6	1·8	0·1	1·3	1·3	–	–	0·4	–	1·3	–	–		11
12	1·2	0·5	–	2·0	3·7	–	–	–	–	1·1	–	1·0		12
13	8·9	–	–	0·6	15·6	2·2	–	12·4	2·5	1·1	–	–		13
14	6·4	0·2	0·1	1·3	23·7	–	–	4·4	–	0·1	–	1·5		14
15	6·7	–	–	0·9	2·6	–	–	19·3	–	–	–	3·8		15
16	4·2	–	–	5·2	–	3·6	–	1·6	0·1	–	–	15·5		16
17	3·1	0·3	–	3·0	2·9	–	0·2	14·0	0·1	–	–	12·0		17
18	0·5	0·2	0·2	0·2	17·2	–	4·0	2·7	0·2	–	–	–		18
19	2·7	2·8	3·9	–	2·9	1·1	–	–	–	–	–	–		19
20	2·0	7·5	2·7	1·1	–	9·9	–	0·9	1·0	–	2·0	6·8		20
21	0·9	5·2	2·6	–	–	–	–	1·6	–	–	–	–		21
22	–	0·1	6·2	–	–	0·3	–	0·7	0·1	0·1	–	–		22
23	0·3	0·8	0·3	–	2·6	0·2	–	4·0	–	–	0·8	–		23
24	0·7	0·4	–	0·4	–	–	6·3	0·3	–	9·2	6·3	–		24
25	0·1	0·1	1·1	–	–	3·5	0·6	0·8	4·9	1·6	–	2·7		25
26	–	–	5·0	–	–	5·0	–	11·6	–	2·6	–	–		26
27	0·4	–	3·3	–	–	0·3	11·9	17·5	–	1·1	–	2·4		27
28	0·4	–	1·7	–	–	–	0·2	10·2	–	0·4	–	2·0		28
29	0·2	X	–	–	–	–	1·0	2·3	–	6·3	–	0·4		29
30	1·3	X	0·3	1·1	–	–	1·0	–	–	2·8	1·1	3·5		30
31	2·7	X	3·7	X	–	X	–	–	X	–	X	0·8		31
TOTAL 99	80·4	21·9	52·5	46·2	76·6	34·5	26·1	157·0	24·6	50·3	22·7	67·4	Year's Total 660·2 ✓	
*Days with .01 in. or more.														
*Days with .04 in. or more.														

*See Instruction 3(*g*) on other side.

†Spare column, no entries required, except year's total.

(*Signed*) .... (P.T.O.)

Section **A** for the entry of Daily Observations — Station No. 3539

BRITISH RAINFALL ORGANIZATION—METEOROLOGICAL OFFICE—AIR MINISTRY

FORM 1090

REGISTER OF RAINFALL IN ~~195~~ 1918.

Kept at DURHAM

in the County of

Diameter of funnel of gauge in.

Height of top of gauge above ground ft. in.

Height of ground above sea level ft.

Jan. 1, following

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	*Date*
18	~~in.~~ mm	~~in.~~ mm.	~~in.~~ mm.	~~in.~~ mm.	~~in.~~ mm.	~~in.~~ mm.	~~in.~~ mm.	~~in.~~ mm.	~~in.~~ mm.	~~in.~~ mm.	~~in.~~ mm.	~~in.~~ mm.		
1	1·7	0·4	0·7	0·4	0·3	—	—	—	13·8	2·4	7·6	0·6		1
2	1·0	0·5	0·6	8·0	—	—	—	—	2·1	—	0·2	4·9		2
3	1·0	0·6	1·0	0·1	0·4	—	—	0·3	—	1·0	2·6	—		3
4	—	0·2	2·4	—	4·4	—	—	4·6	1·0	2·7	4·4	0·4		4
5	—	0·1	5·4	0·2	8·7	—	—	4·0	—	1·2	2·6	0·3		5
6	0·3	5·0	—	7·8	—	4·2	—	4·8	—	7·4	—	1·0		6
7	3·4	0·2	—	5·2	—	—	0·4	—	0·8	1·6	4·6	—		7
8	—	0·4	2·3	—	—	—	3·0	2·1	1·9	0·6	1·0	—		8
9	—	6·4	—	3·8	—	—	0·2	—	9·8	3·0	—	0·3		9
10	0·1	0·4	1·0	1·6	—	—	2·8	—	0·2	0·5	0·2	0·4		10
11	5·0	2·2	1·3	0·4	8·4	—	0·8	0·5	0·2	—	—	1·9		11
12	—	2·9	—	0·5	—	—	10·7	0·6	0·9	0·5	—	0·3		12
13	—	0·1	—	4·0	2·4	—	0·4	—	2·0	3·0	—	—		13
14	0·7	—	—	1·7	—	—	1·5	—	8·6	0·2	—	0·4		14
15	—	—	—	0·7	—	0·4	12·3	—	28·4	—	—	14·0		15
16	—	—	0·7	—	—	—	3·3	2·0	12·8	0·2	—	4·4		16
17	4·3	—	—	0·1	0·5	—	9·0	0·4	0·8	8·8	—	2·3		17
18	14·2	—	1·2	0·3	—	—	1·2	—	6·0	2·8	—	0·6		18
19	6·0	0·2	1·3	6·0	—	—	13·4	2·4	0·8	10·3	—	—		19
20	2·9	6·8	—	1·4	0·1	0·3	10·0	—	1·0	1·6	—	0·2		20
21	7·4	0·4	—	—	3·2	—	—	—	5·0	1·7	—	—		21
22	0·3	—	—	0·3	2·4	1·3	0·6	—	—	—	—	6·5		22
23	2·4	—	—	0·1	2·2	—	9·2	—	—	—	0·2	—		23
24	—	0·1	—	—	—	0·3	1·6	0·1	3·0	—	0·3	0·4		24
25	—	—	—	—	—	0·8	0·6	4·2	0·2	—	—	—		25
26	—	—	—	—	1·0	—	4·9	2·3	5·0	—	1·2	0·2		26
27	—	1·3	0·4	—	1·2	0·2	0·2	7·3	6·0	—	0·7	1·1		27
28	—	3·2	6·5	—	—	0·6	—	—	0·2	—	1·3	10·6		28
29	—	X	0·4	—	—	—	—	—	6·0	—	0·1	3·2		29
30	—	X	0·3	—	—	—	—	—	0·3	0·1	2·4	7·3		30
31	—	X	6·0	X	—	X	—	0·2	X	—	X	1·1		31
99 TOTAL	50·7	31·4	31·5	36·6	35·2	8·1	86·1	35·8	116·8	49·6	29·4	62·4	Year's Total 573·6	
*Days with .01 in. or more.														
*Days with .04 in. or more.														

*See Instruction 3(*g*) on other side. †Spare column, no entries required, except year's total.

(*Signed*) (P.T.O.)

Ex. Ca B. 4/2/20

3345

FORM A. 2. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. 3539

REGISTER OF RAINFALL IN 1919.

5 FEB 20

Kept at Durham [M.O.] (University Observatory)

in the County of Durham

by A. Robinson. D.C.L.

Lat. 54° 46′ Long. 1° 35′ W

Time of Observation 9h. G.M.T.

Nearest Railway Station

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground - ft. 10 in.

" " " " Sea Level 352 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
19	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	4·2	1·8	0·1	0·1	3·0	0·2	12·8	-	4·0	1·2	2·0	0·4	1
2	0·2	0·4	-	-	-	-	18·4	-	0·6	-	3·0	-	2
3	7·4	-	-	0·4	3·1	0·4	2·8	-	-	-	5·8	0·4	3
4	11·4	2·6	2·9	-	1·4	1·6	0·2	1·0	-	-	5·2	0·6	4
5	4·9	3·6	-	-	-	0·1	0·1	-	-	-	2·2	0·4	5
X 6	0·4	-	3·8	-	3·7	-	-	-	-	0·6	2·2	1·6	6
7	0·6	-	7·1	0·3	0·8	-	-	-	-	-	0·5	3·0	7
8	3·0	-	0·2	2·1	3·6	-	-	2·8	-	1·0	7·4	3·8	8
9	3·1	-	3·2	-	0·1	-	-	-	-	0·4	6·2	-	9
10	0·1	-	1·0	0·5	0·4	-	-	-	-	1·5	5·3	2·2	10
11	0·7	-	10·9	-	3·2	-	0·1	-	5·6	1·4	4·3	-	11
12	-	-	8·2	1·4	-	1·1	2·1	-	1·5	3·8	1·0	-	12
13	0·8	-	2·9	0·7	-	1·3	4·3	3·9	0·4	4·3	1·0	-	13
14	1·7	0·4	0·3	6·2	-	-	-	0·4	0·2	1·0	6·3	0·6	14
15	6·3	5·8	1·4	4·6	-	-	-	1·4	-	-	5·0	13·0	15
16	1·4	0·7	0·1	0·7	-	-	-	-	-	-	0·9	-	16
17	-	1·1	-	1·6	0·4	1·0	-	-	-	-	2·6	-	17
18	-	-	0·9	-	0·2	-	0·5	4·7	0·7	-	-	2·2	18
19	0·6	3·2	22·8	0·3	-	1·2	0·8	3·6	2·6	-	1·5	0·5	19
20	4·3	6·0	1·3	-	-	0·4	2·3	-	-	-	-	2·0	20
21	1·7	3·8	1·4	-	-	2·3	0·1	-	0·8	-	-	3·2	21
22	-	3·1	0·6	-	-	0·2	1·5	-	0·6	0·6	0·2	0·7	22
23	0·2	-	0·8	2·4	-	6·4	-	0·4	-	21·6	0·6	-	23
24	1·3	-	0·4	0·6	0·8	1·1	-	-	-	10·6	3·7	-	24
25	1·1	3·4	-	1·6	0·2	2·2	-	12·3	-	-	7·2	-	25
26	0·1	4·2	1·3	0·5	-	0·6	-	6·2	1·7	4·0	7·3	7·0	26
27	0·4	0·2	-	7·9	-	-	0·2	-	0·5	22·3	5·3	-	27
28	2·2	0·2	0·6	5·6	-	-	0·1	22·4	-	11·9	3·4	6·8	28
29	6·6		-	0·2	-	0·2	-	-	0·5	20·2	0·3	2·0	29
30	0·4		0·6	1·4	-	2·2	-	-	-	6·0	1·2	5·4	30
31	4·3		0·3		-		2·2	-		7·3		1·8	31
99 TOTAL	69·4	40·5	73·1	39·1	20·9	22·5	48·5	59·1	19·7	119·7	91·6	57·6	YEAR'S TOTAL 661·7
Days with 0·2 mm. or more	25	16	22	19	12	16	12	11	13	18	27	20	211

(44,284). Wt.21,958—218. 500. 10/19. Gp.132. A.&E.W.

Copied from M.O. Form 3202

664

Exd Wab

~~3224~~
3535

FORM A. 2. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Durham University (110)
in the County of Durham
by A. Robinson D.C.L.

Lat. 54° 46' N Long. 1° 35' W
Time of Observation 9h G.M.T.
Nearest Railway Station
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground - ft. 10 in.
" " " " Sea Level 336 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
20	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	-	-	3.2	8.9	10.0	-	4.0	-	0.4	9.6	-	-	1
2	-	-	1.6	6.2	0.5	-	1.4	-	3.6	1.8	-	7.6	2
3	-	0.2	-	7.5	0.4	2.7	22.3	0.9	1.4	6.8	-	3.7	3
4	1.6	-	-	1.7	0.3	-	7.5	12.6	0.6	17.1	-	9.4	4
5	-	-	0.8	0.4	1.7	-	3.4	0.8	0.3	0.6	-	1.8	5
6	-	-	1.8	0.3	0.9	-	2.5	-	-	0.3	-	1.8	6
7	-	-	-	-	-	-	6.6	-	-	-	-	1.0	7
8	0.6	-	-	1.2	3.0	-	2.2	0.4	-	0.3	4.7	-	8
9	3.2	-	-	7.8	-	-	5.4	1.4	-	-	-	-	9
10	20.9	5.5	0.7	6.5	-	-	1.0	1.2	-	-	-	0.6	10
11	4.8	-	0.3	1.6	7.2	0.6	-	-	0.6	-	-	6.0	11
12	2.8	-	1.2	5.6	0.9	-	0.4	-	-	-	1.3	12.1	12
13	2.7	-	0.3	0.5	-	-	-	-	-	-	1.4	2.5	13
14	-	0.6	11.6	2.2	-	-	2.7	-	1.1	2.6	2.6	2.0	14
15	-	0.8	5.0	4.0	-	-	-	-	-	14.4	1.1	1.8	15
16	-	-	-	0.5	0.7	-	7.0	-	4.2	-	-	0.1	16
17	-	-	-	-	2.8	-	0.2	2.5	3.2	1.5	-	-	17
18	4.8	0.8	0.3	-	3.8	3.5	10.6	1.8	0.2	-	-	-	18
19	-	10.8	-	2.7	-	1.4	-	2.4	0.3	-	-	-	19
20	1.8	0.8	-	0.4	-	0.2	-	-	1.0	-	0.2	-	20
21	-	-	-	2.2	-	-	-	8.3	4.0	-	-	0.6	21
22	0.8	-	-	2.5	-	0.5	5.4	-	-	-	-	-	22
23	-	-	1.0	1.3	-	-	7.0	-	-	0.3	-	4.2	23
24	1.5	-	13.1	-	-	0.3	0.8	-	0.4	-	-	0.4	24
25	-	1.1	2.1	-	-	0.4	10.7	-	0.2	0.2	-	-	25
26	0.3	0.6	15.2	-	-	-	2.7	-	-	0.2	-	0.2	26
27	3.7	-	0.6	1.7	20.6	10.6	1.2	-	-	-	6.2	0.7	27
28	9.0	-	7.6	0.8	-	1.1	0.9	-	-	-	0.8	6.2	28
29	2.6	-	1.8	-	29.0	0.4	-	-	-	-	1.0	13.3	29
30	1.0		0.8	1.0	1.7	-	-	-	5.2	-	1.8	2.0	30
31	3.0		-		0.5		1.3	-		0.3		2.7	31
99 TOTAL	65.1	21.2	69.0	67.5	84.0	21.7	108.2	32.3	26.7	56.0	21.1	80.7	YEAR'S TOTAL 653.5
Days with 0·2 mm. or more	17	9	19	23	16	11	23	10	16	14	10	21	189

(44,284). Wt. 21058—215. 500. 10/19. Gp.132. A.&E.W.

Copied from A 3202.

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3224

FORM A. 2. METEOROLOGICAL OFFICE ~~BRITISH~~ RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

JAN 1921

Kept at Univ. Obs. Durham
in the County of Durham
by F. Sargent (F.R.A.S.)

Lat. 54°-46'N Long. 1°-35'W
Time of Observation 9 a.m.
Nearest Railway Station Durham
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground — ft. 10 in.
" " " " Sea Level 336 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it a this paragraph. Full instructions for the measurement of rain, the selection and placing of and particulars as to the British Rainfall Organization are given in "*Rules for Rainfal* sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Square, London, N.W. 1.

Please note and excuse error order of cols Nov. & Dec.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Dec.	Nov.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	—	—	3.2	8.9	10.0	—	4.0	—	0.4	9.6	—	—	1
2	—	—	1.6	6.2	0.5	—	1.4	—	3.6	1.8	7.6	—	2
3	—	0.2	—	7.5	0.4	2.7	23.3	0.9	1.4	6.8	3.7	—	3
4	1.6	—	—	1.7	0.3	—	7.5	12.6	0.6	17.1	9.4	—	4
5	—	—	0.8	0.4	1.7	—	3.4	0.8	0.3	0.6	1.8	—	5
6	—	—	1.8	0.3	0.9	—	2.5	—	—	0.3	1.8	—	6
7	—	Trace	—	—	—	—	6.6	—	—	—	1.0	—	7
8	0.6	—	—	1.2	3.0	—	2.2	0.4	—	0.3	—	4.7	8
9	3.2	—	—	7.8	—	—	5.4	1.4	—	—	—	—	9
10	20.9	5.5	0.7	6.5	—	—	1.0	1.2	—	—	0.6	—	10
11	4.8	—	0.3	1.6	7.2	0.6	Trace	—	0.6	Trace	6.0	—	11
12	2.8	—	1.2	5.6	0.9	—	0.4	—	—	—	12.1	1.3	12
13	2.7	—	0.3	0.5	Trace	—	—	—	—	—	2.5	1.4	13
14	—	0.6	11.6	2.2	—	—	2.7	—	1.1	2.6	2.0	2.6	14
15	—	0.8	5.0	4.0	—	—	—	—	—	14.4	1.8 ~~[illegible]~~	1.1	15
16	—	—	—	0.5	0.7	—	7.0	—	4.2	—	0.1	—	16
17	—	—	—	—	2.8	—	0.2	2.5	3.2	1.5	—	—	17
18	4.8	0.8	0.3	—	3.8	3.5	10.6	1.8	0.2	—	—	—	18
19	—	10.8	—	2.7	—	1.4	—	2.4	0.3	—	—	Trace	19
20	1.8	0.8	—	0.4	—	0.2	—	—	1.0	—	—	0.2	20
21	—	—	—	2.2	—	—	—	8.3	4.0	—	0.6	—	21
22	0.8	—	—	2.5	—	0.5	5.4	—	—	—	—	—	22
23	—	—	1.0	1.3	—	—	7.0	—	—	0.3	4.2	—	23
24	1.5	Trace	13.1	—	—	0.3	0.8	—	0.4	—	0.4	—	24
25	—	1.1	2.1	—	—	0.4	10.7	—	0.2	0.2	Trace	—	25
26	0.3	0.6	15.2	—	—	—	2.7	—	—	0.2	0.2	—	26
27	3.7	—	0.6	1.7	20.6	10.6	1.2	—	—	—	0.7	6.2	27
28	9.0	—	7.6	0.8	—	1.1	0.9	—	—	—	6.2	0.8	28
29	2.6	—	1.8	—	29.0	0.4	—	—	Trace	—	13.3	1.0	29
30	1.0	✕	0.8	1.0	1.7	—	—	—	5.2	—	2.0 2.7	1.8 ~~[illegible]~~	30
31	3.0	✕	Trace	✕	0.5	✕	1.3	—	✕	0.3	✕	✕	31
TOTAL	65.1	21.2	69.	67.5	84.	21.7	108.2	32.3	26.7	56.	80.7	21.1	YEAR'S TOTAL 653.5
Days with 0·2 mm. or more	17	9	19	23	16	11	23	10	16	14	22	10	190.
Days with 1·0 mm. or more	14	3	12	17	9	5	19	7	8	7	16	8	125

(44,284). 10/19. (52:639). Wt.10.000—359. 1000. 7/20. Gp.132. A.&E.W.

82

RE

DURHAM

PELAW TERRACE

1916- 1918

FORM A.
BRITISH RAINFALL.

30 JAN 1917

Kept at Durham

in the County of Durh

by H. Palmer

in.

nd ft. in.

Level ft.

IMPORTANT N e result entered to the previous day. If an ersal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	17		20			·19	·33		·28		·07		1
2	·06	·01	·19			·05			·68	·04	·02	·02	2
3		·07	·13	·05		·02	·03	·04	·09	·03	·11		3
4		·11	·06	·10	·68	·18	·40			·47	·29		4
5	·06	·02	·15		·21	·06				·31	·28		5
6		·03	·27	02	·42		·03			·11	·16		6
7			·27	·01	·29		·07			·03	·01	·22	7
8			·21			·36						·09	8
9			·10		·08	·12	·20					·45	9
10	·06	·03	·08			·37	·15			·01	·01	·34	10
11	·02	·34	·60	·06	·02	·10	·08		·12	·03		·11	11
12		·01	·53		·35	·02	·24	·04				·21	12
13		·03	·31		·03		·12	·16	·09	·26		·31	13
14		·21	·06	·06	·04			·22		·05	·01	·15	14
15		·22	·47				·12	·34					15
16	·01	·01	·29	·06			·06	·94					16
17	·05			·07	·10		·01		·15	·16	·09		17
18		·28	·02	·77		·03	·03	·31	·15	·03	1·32		18
19	·09		·09	·28				·03	·02		·64	·31	19
20	·04		·18	·10			·45	·34			·20	·07	20
21	·03		·21	·10	·05		·03						21
22	·02	·16	·01	·06		·03				·07			22
23		·01	·10			·02						·25	23
24			·02			·25		·26		·13	·01		24
25		·11	·08			·03		·55			·21	·07	25
26	·13	·30	·01		·03	·06		·15		·27			26
27		·57						·43			·05		27
28		·32			·16					·31		·20	28
29		·52							·02	·21			29
30		✕			·17	·01	·02			·16			30
31		✕		✕	·03	✕			✕	·10	✕		31
Total	·74	3·36	4·64	1·74	2·66	1·90	2·37	3·81	1·60	2·78	3·48	2·80	YEAR'S TOTAL 31·88
Rain Days.	12	20	25	13	15	17	17	13	9	19	16	14	190

W. 8,000. X. 15.

REGISTER OF RAINFALL

FORM A.
BRITISH RAINFALL.
30 JAN 191

~~382~~

Kept at Durham 1 Pelaw Terrace

in the County of Durham

by H. Palmer [illegible]

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·17		·20			·19	·33		·28		·07		1
2	·06	·01	·19			·05			·68	·04	·02	·02	2
3		·07	·13	·05		·02	·03	·04	·09	·03	·11		3
4		·11	·06	·10	·68	·18	·40			·47	·29		4
5	·06	·02	·15		·21	·06				·31	·28		5
6		·03	·27	·02	·42		·03			·11	·16		6
7			·27	·01	·29		·07			·03	·01	·22	7
8			·21			·36						·09	8
9			·10		·08	·12	·20					·45	9
10	·06	·03	·08			·37	·15			·01	·01	·34	10
11	·02	·34	·60	·06	·02	·10	·08		·12	·03		·11	11
12		·01	·53		·35	·02	·24	·04				·21	12
13		·03	·31		·03		·12	·16	·09	·26		·31	13
14		·21	·06	·06	·04			·22		·05	·01	·15	14
15		·22	·47				·12	·34					15
16	·01	·01	·29	·06			·06	·94					16
17	·05			·07	·10		·01		·15	·16	·09		17
18		·28	·02	·77		·03	·03	·31	·15	·03	1·32		18
19	·09		·09	·28				·03	·02		·64	·31	19
20	·04		·18	·10			·45	·34			·20	·07	20
21	·03		·21	·10	·05		·03						21
22	·02	·16	·01	·06		·03				·07			22
23		·01	·10			·02						·25	23
24			·02			·25		·26		·13	·01		24
25		·11	·08			·03		·55			·21	·07	25
26	·13	·30	·01		·03	·06		·15		·27			26
27		·57						·43			·05		27
28		·32			·16					·31		·20	28
29		·52							·02	·21			29
30		✕			·17	·01	·02			·16			30
31		✕		✕	·03	✕			✕	·10	✕		31
Total	·74	3·36	4·64	1·74	2·66	1·90	2·37	3·81	1·60	2·78	3·48	2·80	YEAR'S TOTAL 31·88
Rain Days.	12	20	25	13	15	17	17	13	9	19	16	14	190

W. 8,000. X. 15.

82

3518
~~368~~

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1917

Kept at Durham

in the County of Durham

by H. Palmer

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1				.05		.04		.49	.45				1
2	.03			.49		.09		.21					2
3		.01		.23		.03	.02		.01	.04			3
4			.14								.02		4
5			.05	.33				.01	.01	.02	.07		5
6			.01						.02		.05		6
7	.71		.05			.26		.25		.37		.07	7
8	.18		.02	.10	.02			.81	.03	.32	.09	.09	8
9	.19	.11	.03	.02				.26		.15	.10		9
10			.72	.41	.17			.15	.01	.05	.05		10
11	.28			.07	.07			.01		.06			11
12	.11			.17	.16			.02		.02			12
13	.41			.03	.72	.06		.47	.12	.05			13
14	.20			.07	1.07			.13				.22	14
15	.29			.04	.21			.93				.37	15
16	.20			.23		.15		.07				.67	16
17	.13			.12	.13			.55				.42	17
18	.02			.01	.75		.16	.12					18
19		.20	.20		.15	.03							19
20		.44		.05		.37		.06	.07		.11		20
21			.24					.05					21
22						.02		.06					22
23	.05	.05			.12	.01		.11			.07		23
24				.02			.30	.01		.42	.23		24
25		.02				.17		.06		.07		.40	25
26	.02		.23			.25		.54	.18	.12			26
27			.17			.01	.50	.78		.05		.13	27
28			.07				.01	.37		.02			28
29			.01				.03	.14		.26		.11	29
30		X		.06						.13	.05	.15	30
31	.20	X	.14	X		X	.02	.07	X		X	.28	31
Total	3.02	.83	2.08	2.50	3.57	1.49	1.04	6.73	.90	2.15	.84	2.91	YEAR'S TOTAL 28.06
Rain Days.	15	6	14	18	11	13	7	26	9	16	10	11	156

W. 8,000, VIII. 16

81

Ex. Dl

REGISTER OF RAINFALL IN 1918

21 ~~344~~

FORM A. BRITISH RAINFALL. 22.1.19

Kept at Durham Pelaw Terrace

in the County of Durham

by H. Palmer

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·03	·01	·04		·02								1
2	·08												2
3			·05		·06								3
4		·03	·17		·16								4
5			·22		·40								5
6	·03	·24	·01		·01	·16							6
7	·18			1·16									7
8		·05	·13										8
9		·23											9
10		·02	·05										10
11	·20	·10			·39								11
12		·12											12
13					·10								13
14	·01												14
15			·02	·11		·03							15
16	·05		·03										16
17	·31				·02								17
18				·03									18
19	·37			·31									19
20	·17	·30		·06	·01	·03							20
21	·81	·02			·16	·02							21
22	·01		1·00		·01								22
23	·10			·02	·09	·07							23
24													24
25					·06	·02							25
26													26
27					·05								27
28		·18											28
29													29
30		×											30
31		×		×		×			×		×		31
Total	2·35	1·30	1·72	1·69	1·54	·33							YEAR'S TOTAL
Rain Days.	13	11	?	?	14	6							

W. 8,000, IX. 17.

REC

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(CHILTON MOOR)

FENCE HOUSES

DURHAM

1918 - 1919

8.1.19

FORM A.
BRITISH RAINFALL.

Kept at Chilton M

in the County of Dur

by V.W. Corbe

in.

und ft. in.

Level ft.

IMPORTANT NO result entered to the previous day. If an Observer rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·19						·31	·10	·27		1
2				·15								·31	2
3			·08							·16	·25		3
4	·12		·10		·26			·18		·19	·14	·05	4
5			·20		·46			·12		·05	·02		5
6		·22		·36		·21		·10		·23		·08	6
7							·10			·03	·17		7
8		·06					·13		·20	·05			8
9	·13	·11		·08					·46	·13			9
10				·06			·09						10
11	·22	·14					·12		·08			·09	11
12		·07		·08	·30		·07			·04			12
13				·15	·07				·05				13
14	·07			·12					·38	·13			14
15							·43		·99			·60	15
16							·28	·20	·56			·25	16
17	(·07)		·02	·03			·22			·36		·15	17
18	·64						·08		·27	·13			18
19	·33			·02			·45	·12		·57			19
20	·11	·30		·24			·21			·06			20
21	·26			·18	·25				·15	·04			21
22							·35					·37	22
23	·18												23
24	·01					·12			·12				24
25			·03										25
26							·23	·15	·20		·10		26
27								·07	·15			·38	27
28			·31					·26					28
29									·35			·29	29
30		X	·17									·36	30
31		X	·03	X		X			X		X	·05	31
Total	2·14	·90	1.13	1·47	1.34	·33	2·76	1.20	4·27	2.20	·95	2·91	YEAR'S TOTAL 21.60
Rain Days.	10	6	9	11	5	2	13	8	14	15	6	12	111

W. 8,000. X. 14.

REGISTER OF RAINFALL IN 19

FORM A.
BRITISH RAINFALL.

8 . 1 . 19

Kept at Chilton Moor - Fence Houses

in the County of Durham

by V. W. Corbett.

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·19						·31	·10	·27		1
2				·15								·31	2
3			·08							·16	·25		3
4	·12		·10		·26			·18		·12	·14	·05	4
5			·20		·46			·12		·05	·02		5
6		·22		·36		·21		·10		·23		·08	6
7							·10			·03	·17		7
8		·06					·13		·20	·05			8
9	·13	·11		·08					·46	·13			9
10				·06			·09						10
11	·22	·14					·12		·08			·09	11
12		·07		·08	·30		·07			·04			12
13				·15	·07				·05				13
14	·07			·12					·38	·13			14
15							·43		·99			·60	15
16							·28	·20	·56			·25	16
17	(·07)		·02	·03			·22			·36		·15	17
18	·64						·08		·27	·13			18
19	·33			·02			·45	·12		·57			19
20	·11	·30		·24			·21			·06			20
21	·26			·18	·25				·15	·04			21
22							·35					·37	22
23	·18												23
24	·01					·12			·12				24
25			·03										25
26							·23	·15	·20		·10		26
27								·07	·15			·38	27
28			·31					·26					28
29									·35			·22	29
30		X	·17									·36	30
31		X	·03	X		X			X		X	·05	31
Total	2·14	·90	1.13	1.47	1.34	·33	2.76	1.20	4.27	2.20	·95	2.91	YEAR'S TOTAL 21.60
Rain Days.	10	6	9	11	5	2	13	8	14	15	6	12	111

W. 8,000. X. 14.

3556

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1919

Kept at Chilton Moor, Fence Houses

in the County of Durham

by

Lat. Long.

Time of Observation

Nearest Railway Station Fence Houses

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
					·20								
1	·16	·10					·40		·16	Very fine	·10		1
2		·06					·60				·09		2
3	·45	·08			·04	·09	·01				·23		3
4	·46				·05	·08					·20	·03	4
5	·21	·22	·12				·01				·11		5
6			·10								·18		6
7			·32		·07							·16	7
8	·16			·06	·08			·03	·	·12	·35	·18	8
9	·06		·16								·21		9
10			·04		·01					·12		·09	10
11			·48		·13				·26				11
12			·38	·02 ~~02~~			·04			·26			12
13			·06			·22	Heavy ·28	·04		·12	·50		13
14	·09		·02	·35				·15		·6	[illegible]		14
15	·22	·20	·06	·13				·04		–	·42	·46	15
16	·08			·03						–	·49		16
17		·04		·10	·05						·12		17
18							·01	·14		–		·05	18
19		·03	1·12	·02		·03	·01	·15		–	·15	·02	19
20	·30	·17	·08				·03			–		·10	20
21	·10	·24	·06			·26				–			21
22		·15	·02			·01	·12					·04	22
23		·15	·03	·05		·18		·50		·96			23
24				·03						·75	·08		24
25	·15	·19		·04							·30		25
26		·18		·01				·21		·15	·29	·25	26
27			·05	·34						·64	·20		27
28	·10			·15						·46	·14	·23	28
29	·26		·03			·04		1·00		·74			29
30		X	·05			·19				·20	·14	·40	30
31	·15	X	·01	X		X	·09		X	·37	X	·11	31
Total	2·95	4·51	3·19	1·36	·66	1·10	1·60	2.29	·42	4.95	4.30	2.12	YEAR'S TOTAL ~~[illegible]~~
Rain Days.	15	13	19	13	8	9	11	9	2	13	19	13	26.75 ✓

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W, 6,500, VII. 18. w w c

DURHAM

GAINFORD

1911 – 1912

N 1911

FORM A2.
BRITISH RAINFALL.

5 - JAN 1912

Kept at Ga
in the County of
by

n cylinder
ter of top 6 in.
of top above Ground 1 ft. - in.
" " Sea Level ft.
tion 9 a.m.
y Station Name Gainford
Distance ¼ mile Direction North

IMPORTANT NO a.m., and the result entered to the previous day. If an most universal rule, he is earnestly requested to add the r wing year in the space provided for it at the end of t measurement of rain, the selection and pla the British Rainfall Organization are given free on application to Dr. H. R. Mill, 62, Ca

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1											0.02		1
2	0.36				0.05							0.08	2
3	0.04			0.02	0.51					0.08	0.18		3
4	0.03		0.14	0.30						0.12	0.07		4
5	0.30		0.08	0.05	0.10			0.10			0.04		5
6				0.08				0.40			0.04		6
7								0.13			0.14	0.60	7
8				0.02									8
9										0.02		0.15	9
10		0.01		0.84								0.60	10
11												0.36	11
12	0.28				0.03				0.28		0.24		12
13	0.12		0.60		0.12				0.97	0.07	0.14	0.30	13
14			0.14		0.41					0.11	0.12	0.09	14
15			0.24	0.28							0.16	0.53	15
16		0.04	0.26	0.07						0.03	0.25	0.24	16
17			0.04								0.05	0.08	17
18		0.27	0.07								0.35	0.25	18
19	0.04			0.06							0.10	0.27	19
20		0.15		0.02				0.34	0.03	0.10	0.80		20
21		0.05						0.42			0.15	0.04	21
22	0.27	0.20						0.04		0.19	0.12	0.45	22
23										0.03		0.13	23
24		0.09						0.01	0.10	0.13			24
25			0.03						0.18	0.27	0.32		25
26		0.04		0.02				0.08		1.18	0.48	0.32	26
27		0.19	0.03		0.04			0.10	0.06	0.03		0.30	27
28		0.01		0.03	0.03							0.12	28
29				0.12						0.29			29
30					0.30			0.03	0.44	0.14	0.02	0.03	30
31										0.01			31
Total	1.44	1.05	1.63	1.91	1.79	2.06		1.65	2.06	2.81	3.79	4.94	TOTAL for year 25.13
No. of Rain Days	8	10	10	13	9	4		10	7	16	20	19	~~129~~

9,000, IX. '10.

REGISTER OF 1911

FORM A2.
BRITISH RAINFALL.

5 - JAN 1912

Kept at Gainford

in the County of Durham

by Walter Scott

RAIN GAUGE
Pattern cylinder
Diameter of top 5 in.
Height of top above Ground 1 ft. - in.
" " " Sea Level ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Gainford
Distance ¼ mile Direction North

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1											0·02		1
2	0·36				0·05							0·08	2
3	0·04			0·02	0·51					0·08	0·18		3
4	0·03		0·14	0·30						0·12	0·07		4
5	0·30		0·08	0·05	0·10			0·10			0·04		5
6				0·08				0·40			0·04		6
7								0·13			0·14	0·60	7
8				0·02									8
9										0·02		0·15	9
10		0·01		0·84								0·60	10
11												0·36	11
12	0·28				0·03				0·28		0·24		12
13	0·12		0·60		0·12				0·97	0·07	0·14	0·30	13
14			0·14		0·41					0·11	0·12	0·09	14
15			0·24	0·98							0·16	0·53	15
16		0·04	0·26	0·07						0·03	0·25	0·24	16
17			0·04								0·05	0·08	17
18		0·27	0·07								0·35	0·25	18
19	0·04			0·06							0·10	0·27	19
20		0·15		0·02				0·34	0·03	0·10	0·80		20
21		0·05						0·42			0·15	0·04	21
22	0·27	0·20						0·04		0·19	0·12	0·45	22
23										0·03		0·13	23
24		0·09						0·01	0·10	0·13			24
25			0·03						0·18	0·27	0·32		25
26		0·04		0·02				0·08		1·18	0·48	0·32	26
27		0·19	0·03		0·04			0·10	0·06	0·03		0·30	27
28		0·01		0·03	0·03							0·12	28
29				0·12						0·29			29
30					0·30			0·03	0·44	0·14	0·02	0·03	30
31										0·01			31
Total	1·44	1·05	1·63	1·91	1·79	2·06		1·65	2·06	2·81	3·79	4·94	TOTAL for year 25·13
No. of Rain Days	8	10	10	13	9	4		10	7	16	20	19	~~129~~

9,000, IX. '10.

8L ✓

GAINFORD

DURHAM

1912

441

FORM A2.
BRITISH RAINFALL.

25 JAN 1913

Kept at Gainford (

in the County of

by W. Scott

in.

und ft. in.

Level ft.

ne

tance Direction

IMPORTANT e result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·03										1
2		·26	·06	·03									2
3	·15		·09	·04									3
4	·10		·33	·02									4
5	·13												5
6													6
7	·12	·23											7
8	·20	·06		·04									8
9	·25	·10											9
10	·30												10
11	·35	·16	·05										11
12	·08	·15											12
13			·16										13
14	·09	·04											14
15		·02	·26										15
16	·62	·03	·09										16
17		·12	·17										17
18	·10	·24	·02										18
19	·14	·10	·09										19
20	·11	·08	·09										20
21	·02		·07										21
22			·06										22
23	·09	·06											23
24	·18		·07										24
25	·22	·02											25
26	·02		·02										26
27		·08											27
28				·02									28
29		·07	·04										29
30			·14										30
31			·02										31
Total	3·27 ✓	1·82 ✓	1·86 ✓	·15 ✓									TOTAL for year
No. of Rain Days.	19 ✓	17 ✓	19 ✓	5 ✓									

W. 8,000, X. '11.

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441

FORM A2. BRITISH RAINFALL.

25 JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at *Gainford*

in the County of *Durham*

by *W. Scott*

RAIN GAUGE { Pattern ....
Diameter of top .... in.
Height of top above Ground .... ft. .... in.
" " " Sea Level .... ft.

Time of Observation ....

Nearest Railway Station { Name ....
Distance .... Direction ....

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			·03										1
2		·26	·06	·03									2
3	·15		09	·04									3
4	·10		33	·02									4
5	·13												5
6													6
7	·12	·23											7
8	·20	·06		·04									8
9	·25	·10											9
10	·30												10
11	·35	·16	·05										11
12	·08	·15											12
13			·16										13
14	·09	·04											14
15		·02	·26										15
16	·62	·03	09										16
17		·12	·17										17
18	·10	·24	·02										18
19	·14	·10	·09										19
20	·11	·08	·09										20
21	·02		·07										21
22			·06										22
23	·09	·06											23
24	·18		·07										24
25	·22	·02											25
26	·02		·02										26
27		·08											27
28				·02									28
29		·07	·04										29
30			·14										30
31			·02										31
Total	3·27 ✓	1·82	1·86 ✓	·15 ✓									TOTAL for year
No. of Rain Days.	19 ✓	17 ✓	19 ✓	5 ✓									

W. 8,000, X. '11.

OBSERVATIONS MAD

GATESHEAD

LOW FELL

DURHAM

1914

REG 4

FORM A. BRITISH RAINFALL.

- 6 FEB 1915

Kept at Briermede 7 a.m.

Low Fell

in the County of Du 5 in.

by D. Thomson, per bove Ground 1 ft. 0 in.

Sea Level ft.

IMPORTANT NOT nd the result entered to the previous day. If an Ob niversal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	/	/	/	/	—	—	18	15	—	03	24	16	1
2	/	/	/	06	—	—	58	54	—	—	32	18	2
3	/	08	07	/	15	—	07	—	—	—	12	21	3
4	04	/	/	04	05	05	—	—	—	—	04	36	4
5	03	/	17	09	02	02	—	—	—	—	57	03	5
6	/	/	02	24	—	—	09	04	—	—	—	14	6
7	/	/	07	03	11	~~44~~	—	02	—	—	04	03	7
8	45	/	24	/	31	40	—	—	—	—	—	17	8
9	29	07	/	12	04	1·78	—	25	25	—	07	07	9
10	15	20	/	/	—	—	—	—	05	—	09	05	10
11	/	02	14	/	07	21	—	—	—	—	23	41	11
12	07	07	09	/	—	—	—	—	03	—	—	95	12
13	02	08	10	/	—	—	11	—	—	—	20	56	13
14	14	09	/	/	—	—	—	—	—	05	07	32	14
15	06	03	26	/	—	—	04	—	—	—	76	18	15
16	08	/	13	/	—	—	1·21	—	17	—	13	—	16
17	10	02	/	/	—	—	08	—	95	—	—	05	17
18	08	09	/	/	—	15	—	—	22	—	—	—	18
19	08	03	08	/	—	—	17	—	18	—	17	—	19
20	04	04	31	/	—	61	—	—	—	02	02	—	20
21	01	51	02	/	—	26	—	—	—	06	32	10	21
22	/	/	/	/	01	04	—	12	—	16	13	09	22
23	/	/	11	05	40	03	—	—	—	—	—	18	23
24	08	/	/	08	02	—	—	03	—	—	16	—	24
25	/	10	02	/	—	—	—	07	—	49	02	15	25
26	/	/	20	/	—	—	09	08	—	09	03	22	26
27	05	/	/	/	—	—	—	—	—	05	03	03	27
28	/	09	01	/	—	—	—	10	—		10	—	28
29	/	/	05	/	—	—	—	30	—	68	02	—	29
30	/	X	/	15	—	—	—	11	—	21	06	19	30
31	/	X	/	X	02	X	14		X	42	X		31
Total	1·77	1·52	2·09	·86	1·20	3·99.	2·76	1·81	1·85	2·26.	3·94	4·83	YEAR'S TOTAL 28·88
Rain Days.	17	15 ~~16~~	18	9	11	11	11	12	7	11	24	23	~~170~~ 169

W. 8,000. X. 14.

OBSERVATIONS MAD

REGISTER OF RAINFALL IN 19 4

FORM A.
BRITISH RAINFALL.

- 6 FEB 1915

Kept at Briermede Cottage, Low Fell (Gateshead)
in the County of Durham. 3
by D. Thomson, per L. Nicholson.

Lat. Long.
Time of Observation 7 a. m.
Nearest Railway Station Low Fell
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1' ft. 0" in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. /

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	/	/	/	/	—	—	18	15	—	03	24	16	1
2	/	/	/	06	—	—	58	54	—	—	32	18	2
3	/	08	07	/	15	—	07	—	—	—	12	21	3
4	04	/	/	04	05	05	—	—	—	—	04	36	4
5	03	/	17	09	02	02	—	—	—	—	57	03	5
6	/	/	02	24	—	—	09	04	—	—	—	14	6
7	/	/	07	03	11	~~44~~	—	02	—	—	04	03	7
8	45	/	24	/	31	40	—	—	—	—	—	17	8
9	29	07	/	12	04	1·78	—	25	25	—	07	07	9
10	15	20	/	/	—	—	—	—	05	—	09	05	10
11	/	02	14	/	07	21	—	—	—	—	23	41	11
12	07	07	09	/	—	—	—	—	03	—	—	95	12
13	02	08	10	/	—	—	11	—	—	—	20	56	13
14	14	09	/	/	—	—	—	—	—	05	07	32	14
15	06	03	26	/	—	—	04	—	—	—	76	18	15
16	08	/	13	/	—	—	1·21	—	17	—	13	—	16
17	10	02	/	/	—	—	08	—	95	—	—	05	17
18	08	09	/	/	—	15	—	—	22	—	—	—	18
19	08	03	08	/	—	—	17	—	18	—	17	—	19
20	04	04	31	/	—	61	—	—	—	02	02	—	20
21	01	51	02	/	—	26	—	—	—	06	32	10	21
22	/	/	/	/	01	04	—	12	—	16	13	09	22
23	/	/	11	05	40	03	—	—	—	—	—	18	23
24	08	/	/	08	02	—	—	03	—	—	16	—	24
25	/	10	02	/	—	—	—	07	—	49	02	15	25
26	/	/	20	/	—	—	09	08	—	09	03	22	26
27	05	/	/	/	—	—	—	—	—	05	03	03	27
28	/	09	01	/	—	—	—	10	—		10	—	28
29	/	/	05	/	—	—	—	30	—	68	02	—	29
30	/	X	/	15	—	—	—	11	—	21	06	19	30
31	/	X	/	X	02	X	14		X	42	X		31
Total	1·77	1·52	2·09	86	1·20	3·99.	2·76	1·81	1·85	2·26.	3·94	483	YEAR'S TOTAL 28·88
Rain Days.	17	15 ~~16~~	18	9	11	11	11	12	7	11	24	23	~~170~~ 169

W. 8,000. X. 14.

cont for W.D. 18.IV.1

DURHAM

HARTLEPOOL

HART. RES

1911-~~[illegible]~~-20

REGISTE 19 11.

FORM A2. BRITISH RAINFALL.

-7 [illegible] 1912

Kept at Hart Reservoi

in the County of Durham

by Hartlepool Gas & W

asella. (square top)

top 10" in.

p above Ground 1 ft. 0 in.

„ Sea Level 172 ft.

9 a.m.

tion { Name Hart

Distance 1mile Direction N.W.

IMPORTANT NOTE.—Rain and the result entered to the previous day. If an Observer pre universal rule, he is earnestly requested to add the reading at 9 ng year in the space provided for it at the end of this paragrap easurement of rain, the selection and placing of rain gauges and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·04.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			·03			·17	·03			·06	·03		1
2	·02						·04	·11					2
3	·16				·02		·34			·06		·01	3
4	·01		·09	·08	·09					·18			4
5	·04		·15	·26				·15		·03	·22	·20	5
6	·02		·01	·01				·23		·09			6
7	·08		·12	·03				·10		·09		96	7
8				·01							·02		8
9			·31	·01		·07					·03	·02	9
10		·08		·01								·15	10
11						·03						·20	11
12	·31			·01	·05			·01	·06		·16	·07	12
13	·06		·08		·20	·07		·01	·80	·01	·36	·01	13
14		·01	·14		·01	·12		·01			·02	·27	14
15		·19	·30		·06					·01	·03	·21	15
16			·14	·08		·05					·14	·26	16
17			·31	·10								·02	17
18			·09			·37	·15				·29	·09	18
19		·22	·09								·67	·09	19
20			·01	·01		·31		·23	·04	·30	·62	·02	20
21		·10		·07			·27	·21	·03	·01	·08	·17	21
22	·02	·13				·02		1·13		·09	·06		22
23	·22					·01		·44		·05	·18		23
24	·04	·18		·01		1·05	·02		·13	·05		·07	24
25		·03				1·34				·08		·04	25
26		·11		·04		·46	·03		·16	·16	·02	·02	26
27				·04	·04	·01		·02		·77	·46	·05	27
28		·04		·14				·15	·07	·08	·03	·03	28
29			·02	·19		·01				·15		·05	29
30			·01	·08		·01	·19	·04	·42	·15	·01	·07	30
31		·03	·01		·05 ~~·17~~	·03			~~·06~~	·05 ·03		·04	31
Total	~~·98~~ ·98	~~1·09~~ 1·12	~~1·91~~ 1·88	~~1·09~~ 1·09	~~·51~~ ·68	~~4·10~~ 3·96	~~1·07~~ 1·04	~~2·84~~ 2·84	~~1·71~~ 1·77	~~2·47~~ 2·44	~~3·43~~ 3·40	~~2·28~~ 2·32	TOTAL of Year ~~23·48~~ 23·52
No. of Rain Days.	11	~~10~~ 11	~~17~~ 16	18	~~8~~ 9	16	~~8~~ 7	14	~~8~~ 9	20	~~19~~ 18	~~23~~ 24	~~172~~ 173

W. 8,000, X. '11.

Cont^d in W.D. 18.IV.1

PRESSURE	HEIGHT
100	1bc

FORM A2.
BRITISH RAINFALL.

7 FEB 1912

REGISTER OF RAINFALL IN 1911.

Kept at Hart Reservoir

in the County of Durham

by Hartlepool Gas & Water Comp^y

RAIN GAUGE
Pattern Casella (square top)
Diameter of top 10" in.
Height of top above Ground 1 ft. 0 in.
" " " Sea Level 172 ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Hart
Distance 1 mile Direction N.W.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·04.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·03			·17	·03			·06	·03		1
2	·02						·04	·11					2
3	·16				·02		·34			·06		·01	3
4	·01		·09	·08	·09					·18			4
5	·04		·15	·26				·15		·03	·22	·20	5
6	·02		·01	·01				·23		·09			6
7	·08		·12	·03				·10		·09		·76	7
8				·01							·02		8
9			·31	·01		·07					·03	·02	9
10		·08		·01								·15	10
11						·03						·20	11
12	·31			·01	·08			·01	·06		·16	·07	12
13	·06		·08		·20	·07		·01	·80	·01	·36	·01	13
14		·01	·14		·01	·12		·01			·02	·27	14
15		·19	·30		·08					·01	·03	·21	15
16			·14	·08		·05					·14	·26	16
17			·31	·10								·02	17
18			·09			·37	·15				·29	·09	18
19		·22	·09								·67	·09	19
20			·01	·01		·31		·23	·04	·30	·62	·02	20
21		·10		·07			·27	·21	·03	·01	·08	·17	21
22	·02	·13				·02		1·13		·09	·06		22
23	·22					·01		·44		·05	·18		23
24	·04	·18		·01		1·05	·02		·13	·05		·07	24
25		·03				1·34				·08		·04	25
26		·11		·04		·46	·03		·16	·16	·02	·02	26
27				·04	·04	·01		·02		·77	·46	·05	27
28		·04		·14				·15	·07	·08	·03	·03	28
29			·02	·19		·01				·15		·05	29
30			·01	·08		·01	·19	·04	·42	·15	·01	·07	30
31			·01		·05					·05			31
		·03	–	–	·17	·03	–	–	·06	·03	–	·04	
Total	~~·98~~ ·98	~~1·09~~ 1·12	~~1·91~~ 1·88	~~1·09~~ 1·09	~~·51~~ ·68	~~4·10~~ 3·96	~~1·07~~ 1·04	~~2·84~~ 2·84	~~1·71~~ 1·77	~~2·47~~ 2·44	~~3·43~~ 3·40	~~2·28~~ 2·32	TOTAL of Year ~~23·48~~ 23·52
No. of Rain Days.	11	~~10~~ 11	~~17~~ 16	18	~~8~~ 9	16	~~8~~ 7	14	~~8~~ 9	20	~~19~~ 18	~~23~~ 24	~~172~~ 173

W. 8,000, X. '11.

Cd fm W.D. 19·III·13

REGISTER OF RAINFALL IN 1912.

FORM A. BRITISH RAINFALL.

24 JAN 1913

Kept at Hart (Reservoir)
in the County of Durham
by Hartlepool Gas & Water Co.

Lat. 54°42'7" Long. 1°14'57" W
Time of Observation 9 a.m.
Nearest Railway Station Hart
Diameter of Rain Gauge 10 ins.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 172 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. NIL

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·04			·24		·05	·01	·50	·16	·17	·03		1
2		·10	·03			·25	·13	·24	·01	·25		·10	2
3		·04	·03	·01		·10	·28	·38		·26	·02		3
4	·08	·03				·61	·02	·20	·25	·04		·20	4
5	·10		·14		·01	·60		·28			·39		5
6			·01		·14	·12		·06			·01		6
7	·30	·22				·04		·01					7
8	·01	·02			·10			·02	·31			·02	8
9	·11	·10	·02			·02			·22	·01	·14	·01	9
10		·02	·08	·02		·47			·03		·06		10
11		·01	·01	·05	·01			·01	·08	·02	·07	·03	11
12	·04	·03							·03		·29	·01	12
13	·04	·22	·08			·08	·37		·01		·32		13
14						·07		·07		·03	·24	·02	14
15	·08		·33			·07		·06			·02	·03	15
16		·02	·24		·60	·09						·20	16
17	·14		·04		·04		·01			·05			17
18		·06	·19			·36		·12				·01	18
19	·04	·09				·03	·04			·03			19
20	·11	·35	·06			·03	·14	·18		·03			20
21	·14	·06			·39	·05		·05		·19			21
22	·10		·07		·13		·06			·07	·01		22
23		·06	·02		·45	·36		·03		·10			23
24	·11		·02				·07	·57		·40	·05		24
25	·51						·37	·20		·04		·08	25
26	·20					·36		·38			·07		26
27	·07	·04	·01			·01		·12		·74	·04	·10	27
28			·04			·28	·61			·22	·09	·26	28
29			·01	·07	·15	·04	·21	·49		·35	·14		29
30			·11			·55	·02	·01	·21	·02		·02	30
31	·08		·02		·03			·04		·10		·03	31
	–	–	·24	–	·05	·01	·50	·16	·17	·03	–	–	YEAR'S TOTAL
Total	~~2·30~~ 2·26	~~1·27~~ 1·47	~~1·50~~ 1·74	~~·39~~ ·15	~~2·05~~ 2·10	~~4·61~~ 4·57	~~2·32~~ 2·83	~~3·99~~ 3·65	~~1·28~~ 1·29	~~3·06~~ 2·92	~~1·99~~ 1·96	~~1·12~~ 1·12	~~26·10~~ 26·06
Rain Days.	~~19~~ 18	17	~~21~~ 22	~~5~~ 4	~~11~~ 12	23	14	22	10	20	~~17~~ 16	15	~~194~~ 193

W. 7,500, XI. 12

✓ cmd pr W.D. 13.IV.14 Ex DL

FORM A. BRITISH RAINFALL. 15 JAN 1914

REGISTER OF RAINFALL IN 19~~13~~ 13

Kept ~~at~~ Hart Reservoirs.

in the County of Durham.

by Hartlepool Gas & Water Co.

Lat. 54°42'7" Long. 1°14'57" (W).

Time of Observation 9 a.m.

Nearest Railway Station Hart.

~~Diameter of~~ Rain Gauge 10" ~~in.~~ square.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 172' ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. NIL

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·01	·01			·01			·01				1
2				·40					·32		·02		2
3	·01		·02	·01		·06				·03	·01		3
4	·02						·20		·01				4
5	·22	·02				·01	·06		·09	·88	·04	·08	5
6	·40	·03	·01			·25	·03	·08		·12			6
7		·14	·18		·25	·33	·20				·02		7
8		·10		·01	·01	·09				·83			8
9					·35				·12	·21	·06		9
10		·06	·02	·06	·28	·06				·01			10
11		·01	·07	·02	·01			·07			·47		11
12	·35			·63	·16	·06					·04		12
13	·30				·01			·01	·12		·02		13
14	·07							·07	·05	·01	·12		14
15	·05	·10	·02	·01			·03		·03	·07			15
16	·05		·10	·10				·01	·14		·01	·05	16
17	·02							·03			·03		17
18			·11	·03		·02					·04	·01	18
19	·01		·18	·22	·02	·06					·05	·01	19
20	·03		·02		·06				·07	·01			20
21	·37			·04	[illegible]				·11	·22	·38		21
22	·08		·02		·04		·01	·34	·01		·01		22
23	·04		·31		·05	·01		·22	·02	·07			23
24	·11		·01			·05	·02		·06	·01			24
25	·19	·01				·40		·02			·04		25
26				·01					·40			·07	26
27		·01		·17					·22	·20	·16	·26	27
28		·03	·01	·18	·07	·13				·01	·01		28
29	·28		·07	·73	·01					·01		·28	29
30	·22		·30	·18	·02			·54			·05	·50	30
31			·01		·20					·28		·12	31
	·01	·01			·01			·01					YEAR'S TOTAL
Total	~~2·82~~ 2·83	0·52	~~1·47~~ 1·46	2·80	~~1·54~~ 1·55	~~1·54~~ 1·53	0·55	~~1·39~~ 1·40	~~1·78~~ 1·77	2·97	1·58	1·38	20·34 ✓
Rain Days.	~~19~~ 20	11	~~18~~ 17	16	~~15~~ 16	~~14~~ 13	7	~~10~~ 11	~~16~~ 15	16	19	9	170 ✓

W.7,000, XI. 13

Copd for W.P. 13.IV.15 — Exd DL

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
20 JAN 1915

Kept at Hart (Reservoir)

in the County of Durham

by Hartlepool Gas & Water Co

Lat. 54° 42′ 7″ Long. 1° 14′ 57″ (W)

Time of Observation 9 a.m.

Nearest Railway Station Hart

Diameter of Rain Gauge 10 ins (square)

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 172 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. Nil

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		.20	.01		.06	.01		.19	.01		.29	.05	1
2		.05					.47	.10		.03	.13	.11	2
3							.47	.26		.01	.19	.05	3
4					.22		.08				.15	.37	4
5				.06	.01						.02	.11	5
6			.09	.03	.03	.02					.52		6
7				.01	.02		.07	.08				.03	7
8		.02	.03		.15	.20					.03	.01	8
9	.35		.18		.26	.36				.03		.02	9
10	.23	.02		.02	.02	1.60			.40		.07		10
11	.12	.05							.08			.01	11
12		.04	.10		.07	.22			.01		.19	.43	12
13	.02	.01							.13			.52	13
14	.05	.05	.12								.07	.22	14
15	.06	.16					.01				.05	.09	15
16	.03		.24				.27				.39	.03	16
17	.04		.04				1.91		.25		.26		17
18	.07	.04					.05		.80	.01	.02	.05	18
19	.01	.06	.04			.36			.12			.14	19
20	.01						.41		.08		.06		20
21	.03	.08	.35			.32				.01			21
22	.04	.21	.06			.25					.14	.02	22
23		.02	.04		.13	.14		.03		.16	.10	.39	23
24		.02	.05	.02	.48	.10				.02		.02	24
25				.09	.01			.04			.24		25
26		.06	.01					.03		.45	.04	.18	26
27			.12				.11	.01		.23	.03	.08	27
28	.02						.01			.01	.13	.30	28
29	.01							.02			.04	.06	29
30		X	.06					.17		.52	.07		30
31	.01	X	.02	X	.01	X		.14	X	.11	X	.08	31
	.20	.01	–	.06	.01	–	.19	.01	–	.29	.05	–	YEAR'S TOTAL
Total	~~1.10~~	~~1.09~~	~~1.56~~	~~.23~~	~~1.47~~	~~3.58~~	~~3.86~~	~~1.07~~	~~1.88~~	~~1.59~~	~~3.23~~	~~3.37~~	24.03
	1.30	.90	1.55	.29	1.42	3.57	4.05	.89	1.87	1.88	2.99	3.32	
Rain Days.	~~16~~ 17	16	~~17~~ 16	~~6~~ 7	13	~~11~~ 10	~~11~~ 12	11	~~9~~ 8	~~12~~ 13	23	~~24~~ 23	169

corrected for WD 15.0.16

3728

HARTLEPOOL GAS & WATER Co

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.

20 JAN 1916

Kept at Hart Reservoir
in the County of Durham
by Hartlepool Gas & Water Co.

Lat. 54°42'7" Long. 1°14'57" (W)
Time of Observation 9 a.m.
Nearest Railway Station Hart
~~Diameter of~~ Funnel of Rain Gauge 10 ins square
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 172 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·03

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		.09	.12		.10				.41	.10	.02	.01	1
2	.05	.15	.02		.09		.04	.24	.31		.03	.15	2
3		.30	.25	.03		.07	.01	.15	.21		.40	.01	3
4	.43		.12	.13			.28				.05	.92	4
5	.17		.01		.01	.01					.21	.66	5
6	.09	.02								.04	.01	.78	6
7	.04	.12	.11	.05			.88			.01		.08	7
8	.15	.30	.01				.10	.16					8
9	.02	.05	.04			.08	.08	.18	.01		.07		9
10							.03	.06		.01	.02	.51	10
11	.19	.01	.06					.78			—	.14	11
12	.04	.23	.02		.75		.01				.02	.27	12
13	.20	.08		.30	.02		.20	.12	.01	.06	.51	.08	13
14	.01	.05			.01		.01	.12				.01	14
15		.15			.02			.02				.03	15
16	.10	.03					.20	.12			—	.08	16
17		.07					.43	.07		.26	.22		17
18	.12	.16	.09				.05		.05		.04	.06	18
19		.08	.19						.12	.11	.01	.07	19
20		.08					.06			.04			20
21	.04							.02		.02		.54	21
22	.06			.10								.05	22
23	.18						.03					.10	23
24	.12	.22	.01	.02			.18		.03	.01	.01	.11	24
25			.18	.09					.33	.05		.25	25
26						.16	.06		.01	.03	.16		26
27	.02	.02	.13	.06		.18	.04		.04	.02		.20	27
28	.01	.02	.12				.01			.26		.50	28
29			.10		.33			.60		.30			29
30	.01	X			.40		.01	.01	.36		.16	.14	30
31	.04	X		X		X			X	.01	X		31
	·09	·12	–	·10	–	–	–	·41	·10	·02	·01	·03	YEAR'S TOTAL
Total	~~2.09~~	~~2.23~~	~~1.58~~	~~.78~~	~~1.73~~	~~.50~~	~~2.71~~	~~2.65~~	~~1.89~~	~~1.33~~	~~1.94~~	5.75	~~25.18~~
	2·18	2·26	1·46	·88	1·63	·50	2·71	3·06	1·58	1·25	1·93	5·77	25·21
Rain Days.	~~25~~ 22	20	~~17~~ 16	~~8~~ 9	~~9~~ 8	5	20	~~14~~ 15	12	16	19	24	~~182~~ 183

W. 8,000. X. 15.

✓ cmp for WD

3662

RE 16.

HART

DURHAM

1916

FORM A.
BRITISH RAINFALL.

(19) JAN 1917

Kept at Ha

in the County of D

by Hartlepool

Long. 1° 14' 57"

9 A.M.

tion Hart

of Rain Gauge 10 in.

ge above Ground 1 ft. 0 in.

„ Sea Level 172 ft.

IMPORTANT N . and the result entered to the previous day. If an st universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
·01

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.03		.20			.04	.04			.09	.09		1
2	.24		.18			.07	.36				.01		2
3	.02	.03	.18						.13	.01		.01	3
4		.01	.15	.09			.15	.05	1.23	.05	.04		4
5		.12	.04	.02	.65	.20	.32		.22	.60	.27	.01	5
6	.10	.19	.33		.17	.08	.01			.33	.06		6
7		.16	.12	.03	.45		.17			.03	.10		7
8			.14	.01	.10	.32	.08					.22	8
9			.09			.15							9
10			.04		.07	.03						.24	10
11	.05		.09	.02		.03	.11			.01	.01	.37	11
12		.41	.25	.19	.06	.08	.24		.15	.02		.12	12
13	.03		.29		.48	.01	.58					.30	13
14		.01	.24		.09		.04	.21	.03	.26	.03	.12	14
15		.17	.04	.04	.02	.05		.27		.06		.04	15
16		.14	.28				.05	.56					16
17			.24	.04			.03	.49		.02		.22	17
18	.03		.01	.07	.01		.01	.06	.16	.14			18
19		.30	.01	.41		.02	.01	.20	.11	.08	1.06	.02	19
20	.05	.03	.04	.24				.01	.10		.46	.12	20
21	.02		.16	.07			.52	.04			.10	.02	21
22		.03	.04	.06	.10		.02						22
23		.08		.08		.04				.07			23
24			.04	.01		.01				.01		.31	24
25		.01	.17			.51		.19		.04			25
26		.03	.07		.03			.23		.03	.14	.04	26
27	.12	.14			.07	.01					.01		27
28		.31						.61	.01	.03		.02	28
29	.01	.06	.01					.07	.02	.10		.16	29
30		X					.00			.04			30
31		X		X		X	.03		X	.15	X		31 ✓
	—	.20	—	—	·04	·04	—	—	·09	·09	—	·01	YEAR'S TOTAL
Total	~~.70~~	~~2.23~~	~~3.45~~	~~1.38~~	~~2.30~~	~~1.65~~	~~2.77~~	~~2.99~~	~~2.16~~	~~2.17~~	~~2.38~~	~~2.34~~	~~26.52~~
	·67	2·43	3·25	1·38	2·34	1.65	2·73	2·99	2·25	2·17	2·29	2·35	26·50
Rain Days.	~~11~~ 10	~~18~~ 19	~~26~~ 25	15	~~13~~ 14	16	~~18~~ 17	13	~~10~~ 11	21	~~13~~ 12	~~17~~ 18	192

W. 8,000, VIII. 16

✓ cmd for WD

3662

REGISTER OF RAINFALL IN 1916.

FORM A.
BRITISH RAINFALL.

(19) JAN 1917

Kept at Hart
in the County of Durham
by Hartlepool Gas & Water Co.

Lat. ~~1° 14' 57" (W)~~ 54° 42' 7" Long. 1° 14' 57" (W)
Time of Observation 9 a.m.
Nearest Railway Station Hart
Diameter of Funnel of Rain Gauge 10 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 172 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·01

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.03		.20			.04	.04			.09	.09		1
2	.24		.18			.07	.36				.01		2
3	.02	.03	.18						.13	.01		.01	3
4		.01	.15	.09			.15	.05	1.23	.05	.04		4
5		.12	.04	.02	.65	.20	.32		.22	.60	.27	.01	5
6	.10	.19	.33		.17	.08	.01			.33	.06		6
7		.16	.12	.03	.45		.17			.03	.10		7
8			.14	.01	.10	.32	.08					.22	8
9			.09			.15							9
10			.04		.07	.03						.24	10
11	.05		.09	.02		.03	.11			.01	.01	.37	11
12		.41	.25	.19	.06	.08	.24		.15	.02		.12	12
13	.03		.29		.48	.01	.58					.30	13
14		.01	.24		.09		.04	.21	.03	.26	.03	.12	14
15		.17	.04	.04	.02	.05		.27		.06		.04	15
16		.14	.28				.05	.56					16
17			.24	.04			.03	.49		.02		.22	17
18	.03		.01	.07	.01		.01	.06	.16	.14			18
19		.30	.01	.41		.02	.01	.20	.11	.08	1.06	.02	19
20	.05	.03	.04	.24				.01	.10		.46	.12	20
21	.02		.16	.07			.52	.04			.10	.02	21
22		.03	.04	.06	.10		.02						22
23		.08		.08		.04				.07			23
24			.04	.01		.01				.01		.31	24
25		.01	.17			.51		.19		.04			25
26		.03	.07		.03			.23		.03	.14	.04	26
27	.12	.14			.07	.01					.01		27
28		.31						.61	.01	.03		.02	28
29	.01	.06	.01					.07	.02	.10		.16	29
30		X					.00			.04			30
31		X		X		X	.03		X	.15	X		31 ✓
	—	.20	—	—	·04	·04	—	—	·09	·09	—	·01	YEAR'S TOTAL
Total	~~.70~~	~~2.23~~	~~3.45~~	~~1.38~~	~~2.30~~	~~1.65~~	~~2.77~~	~~2.99~~	~~2.16~~	~~2.17~~	~~2.38~~	~~2.34~~	~~26.52~~
	·67	2·43	3·25	1·38	2·34	1.65	2·73	2·99	2·25	2·17	2·29	2·35	26·50
Rain Days.	~~11~~	~~18~~	~~26~~	15	~~13~~	16	~~18~~	13	~~10~~	21	~~13~~	~~17~~	191
	10	19	25		14		17		11		12	18	

W. 8,000, VIII. 16

cwh WD Eze DL

3510

FORM A.
BRITISH RAINFALL.

18. JAN 1918

REGISTER OF RAINFALL IN 1917

Kept at Hart
in the County of Durham
by Hartlepool Gas & Water Co.

Lat. 54°42'7" Long. 1°14'57 W.
Time of Observation 9 A.M.
Nearest Railway Station Hart
Diameter of Funnel of Rain Gauge 10 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 172 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·19

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·01	·32		·24	·02			·01					1
2				·07		·41		·29	·40		·12		2
3	·07			·32				·25					3
4				·16						·02	·01		4
5			·01								·01		5
6				·30				·01			·02		6
7										·04	·01		7
8	·59		·02			·01		·04		·25		·01	8
9	·24		·02	·15				1.06	·06	·41	·04		9
10	·10							·25	·02	·02	·40		10
11	·07		·52	·09	·07			·21		·12	·14		11
12	·07	·04		·04	·04					·06			12
13	·52		·02	·08	·12			·01		·25		·05	13
14	·38			·02		·08		·23	·05	·04		·01	14
15	·29		·01	·06	·57			·04		·10		·05	15
16	·13				·15		·02	·25	·01			·16	16
17	·04			·23		·05		·04	·02			·38	17
18	·05	·01		·09	·06	·23		·32	·03			·17	18
19	·01			·08	·13		·15	·19					19
20	·08	·10	·16		·12	·03							20
21	·16	·39	·02	·02		·41			·08		·31	·14	21
22		·20	·11					·07					22
23			·16					·04		·03			23
24		·04			·11			·10			·01		24
25							·12	·01		·21	·24	·01	25
26		·02	·08			·42	·01	·01		·01		·33	26
27			·11			·16		·78	·17	·05	·15	·06	27
28			·18			·10	·40	·45		·04		·09	28
29			·08				·05	·25		·01			29
30	·03	✕					·03	·20		·12		·01	30
31	·04	✕	·04	✕		✕			✕	·05	✕	·12	31
	·32	-	·24	·02	-	-	·01	-	-	-	-	·19	YEAR'S TOTAL
Total	~~2.88~~	~~1.12~~	~~1.54~~	~~1.95~~	1.39	1.90	~~·78~~	~~5.11~~	·84	1.83	1.46	1.59	~~22.39~~
Rain	3.19	·80	1·78	1·73	1·39	1·90	·79	5.10	·84	1·83	1·46	1·78	22·57
Days.	18	8	15	15	10	10	8	24	9	18	12	14	160

W. 8,000, IX. 17.

Exd. E.F.E. [illegible] WD

12

FORM A.
BRITISH RAINFALL.
15. 1. 19

REGISTER OF RAINFALL IN 1918.

Kept at Hart
in the County of Durham
by Hartlepool Gas & Water Co.

Lat. 54°42'7" Long. 1°14'57" W.
Time of Observation 9 a.m.
Nearest Railway Station Hart
Diameter of Funnel of Rain Gauge 10 ins. sq.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level ~~[illegible]~~ 172 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. :10

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.19		.06	.21					.01	.06		.03	1
2	.02	.02	.12						.23	.06	.09	.06	2
3	.04	.04		.07					.02	.01		.17	3
4	.02		.02							.11	.18		4
5		.01	.04		.32					.05	.02	.05	5
6			.11	.03	.32			.20		.05	.01	.01	6
7	.03	.19		.46		.12		.14	.01	.04			7
8	.08	.03		.04			.07		.04	.01	.10		8
9			.08				.32		.02	.02	.01	.01	9
10		.30		.05					.62	.12			10
11				.02			.10					.01	11
12	.28	.08	.04	.02	.21		.67					.10	12
13		.12	.02	.03			.02		.06	.11		.03	13
14		.02		.07	.22				.04	.03			14
15	.05			.03		.07	.04		.34	.02		.04	15
16				.02		.02	.43		1.22			.70	16
17	.01		.02		.07	.01	.15	.15	.30	.01		.20	17
18	.18				.10		.47	.02	.26	.12		.13	18
19	.38		.07	.07		.03	.46		.39	.29		.08	19
20	.26		.01	.16			.30	.13		.39			20
21	.10	.37		.19		.03	.31		.11	.05			21
22	.17					.02	.02		.17	.03			22
23	.02				.03		.02		.02			.37	23
24	.13			.01	.30		.65		.03		.04		24
25							.12	.03	.13	.03			25
26			.01				.05	.09			.09	.05	26
27							.04	.03	.24		.05	.01	27
28		.04	.02				.01	.31	.16		.01	.05	28
29			.24									.32	29
30		×						.01	.21		.02	.16	30
31		×	.06	×		×			×		×	.25	31
	- ✓	.06 ✓	.21 ✓	- ✓	- ✓	- ✓	- ✓	.01 ✓	.06 ✓	- ✓	.03 ✓	.10 ✓	YEAR'S TOTAL ✓
Total	~~1.96~~ 1.77	~~1.22~~ 1.28	~~.92~~ 1.07	~~1.48~~ 1.27	1.57 ✓	.30	4.25	~~1.11~~ 1.12	~~4.63~~ 4.58	~~1.61~~ 1.55	~~.62~~ .65	~~2.83~~ 2.90	~~22.50~~ 22.41
Rain Days	~~16~~ 15 ✓	12 ✓	15 ✓	~~16~~ 15 ✓	8 ✓	7 ✓	19 ✓	~~10~~ 9 ✓	22 ✓	~~20~~ 19 ✓	~~11~~ 12 ✓	21 ✓	~~177~~ 176 ✓

W. 6,500, VII. 18. W W C

WP for RR 3338

JAN

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Hart

in the County of Durham

by Hartlepool Gas & Water Coy

Lat. 54°42'7" Long. 1°14'54" W.

Time of Observation 9am

Nearest Railway Station Hart

Diameter of Funnel of Rain Gauge 10 in. sq.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 172 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·06

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·10	·06		·03	·18		·12	·09			·16	·01	1
2	·13	·06			·19		·30		·22	·03	·10	·02	2
3		·01					·28		·01		·05		3
4	·49				·13	·04	·04				·12	·02	4
5	·38	·13	·31		·06	·04	·01		·04		·23	·01	5
6	·18	·24				·01	·01				·08		6
7			·11		·03					·01	·24	·05	7
8			·30		·04						·02	·22	8
9	·10		·01	·04	·13			·01		·03	·22	·01	9
10	·01		·04							·07	·17	·08	10
11			·03		·03					·13	·30		11
12			·51		·11		·10		·23	·07	·09		12
13			·37	·01					·08	·12		·02	13
14	·08		·06			·13	·15	·10		·13	·05		14
15	·13	·02		·41				·03		·05	·24		15
16	·14	·22	·10	·05				·02				·66	16
17											·04	·01	17
18		·05		·03	·05						·09		18
19								·20				·02	19
20	·03		·05	·04			·02	·05	·11		·02	·01	20
21	·34	·32	·02			·01						·09	21
22	·12	·16	·06			·10			·06		·02	·08	22
23		·20	·06			·02	·06				·01	·03	23
24			·08	·01		·21	·01			1·01			24
25				·08	·01	·01	·02			·53	·10		25
26	·03	·06		·05	·02	·03		·54			·10	·04	26
27		·10	·09	·02				·20	·03	·18	·63	·13	27
28	·13	·02		·28			·02			·78	·10		28
29	·12			·05				·14		·60	·13	·24	29
30	·16	×				·03				·62		·08	30
31	·02	×	·06	×		×			×	·21	×	·24	31
TOTAL	·06 ~~2·69~~ 2.65	– ~~1·65~~ 1.59	·03 ~~2·26~~ 2.29	·18 ~~1·10~~ 1.25	– ~~·98~~ ·80	·12 ~~·63~~ ·75	·09 ~~1·14~~ 1.11	– ~~1·98~~ 1.89	– ·78	·16 ~~4·57~~ 4.73	·01 ~~3·31~~ 3.16	·06 ~~2·07~~ 2.12	YEAR'S TOTAL ~~23·16~~ 23.12
Days with ·01 in. or more	18	~~14~~ 13	~~17~~ 18	13	~~12~~ 11	~~11~~ 12	13	~~10~~ 9	8	~~16~~ 17	24	21	174

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

cond for WD GX ML 3218

28 JAN 1921

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Hart.

in the County of Durham.

by Hartlepool Gas & Water Coy.

Lat. 54° 42' 7" Long. 1° 14' 57" W.

Time of Observation 9a.m.

Nearest Railway Station Hart.

Diameter of Funnel of Rain Gauge 10 in. sq.

Height of top of Gauge above Ground 1 ft. 7 in.

" " " " Sea Level 172 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. 0·15"

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·06	·11			·01	·01				·34		·08	1
2			·10	·28	·61		·18			·24			2
3			·13	·16	·02		·23	·01	·16	·18		·31	3
4		·01		·20		·04	1·70	·02	·07	·03		·04	4
5	·01			·01			·32	·55		1·33	·01	·60	5
6			·01		·06		·14	·08	·04	·01		·01	6
7			·14	·04	·04		·04					·06	7
8	·02	·02					·07			·01		·07	8
9				·08	·04		·08	·01			·07		9
10	·10			·25			·10	·12	·08	·01			10
11	·77	·03	·02	·45			·07					·06	11
12	·25			·15	·21							·22	12
13	·20			·25								·30	13
14	·11											·13	14
15		·06	·44	·10			·08		·08	·10	·03	·06	15
16		·04	·15	·19			·03			·38	·01	·05	16
17				·04			·38		·08				17
18					·11			·07	·05	·06		·05	18
19	·15	·06			·09		·16		·06				19
20		·41		·04		·03		·12	·02				20
21	·10	·02		·01		·05			·06				21
22				·10			·15	·21	·08		·01	·09	22
23	·02			·08			·10					·02	23
24			·06	·03			·23				·01		24
25	·01		·36	·01			·02						25
26		·08	·04		·01		·33			·01			26
27		·01	·43	·04			·03		·01				27
28	·04			·06	·38	·53					·20	·05	28 18
29	·58		·17	·08	·02	·02	·07				·04	·30	29
30	·05	×	·04	·01	·88	·01	·06			·02	·02	·42	30
31	·04	×		×	·17	×			×		×	·05	31
	·11	-	-	·01	·01	-	-	-	·34	-	08	·15	YEAR'S TOTAL
TOTAL	~~2·51~~ 2·56	~~0·85~~ ·74	2·09	~~2·66~~ 2·67	2·65	~~0·69~~ ·68	4·57	1·19	~~0·79~~ 1.13	~~2·72~~ 2.38	~~0·40~~ ·48	~~2·91~~ 3.04	~~24·09~~ 24.16
Days with ·01 in. or more	16	~~11~~ 10	13	24 ~~23~~	14	~~7~~ 6	22	9	13 ~~12~~	12 ~~13~~	~~9~~ 10	20	169
Days with ·04 in. or more	12	~~6~~ 5	11	18	10	3	19	6	~~10~~ 11	~~7~~ 6	~~3~~ 4	18	123

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

cor for WD + cor by mm. stats

REGIS 19 11

FORM A2.
BRITISH RAINFALL.

7 FEB 1912

DURHAM

HURWORTH. BURN RES

1911 ~~1917~~ -20.

Cassella (square top)

Kept at Hurworth Burn

er of top 10" in.

of top above Ground 1 ft. 0 in.

„ „ Sea Level 357 ft.

in the County of Dur

ation 9 a.m.

by Hartlepool Gas &

Station Name Hurworth Burn

Distance 100 yds Direction East.

IMPORTANT NOTE.—Ra a.m., and the result entered to the previous day. If an Observer ost universal rule, he is earnestly requested to add the reading at lowing year in the space provided for it at the end of this para measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·02

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	—	·02	—	—	·10	·02	—	·01	·21	·07	—	1
2	·01	—	—	—	—	—	·03	·05	—	—	—	—	2
3	·28	—	—	—	·11	—	·32	—	—	·03	—	—	3
4	·02	—	·18	·11	·05	—	—	—	—	·28	·01	—	4
5	·09	—	·13	·28	—	—	—	·15	—	·08	·08	·16	5
6	·01	—	—	·10	—	—	—	·20	—	·06	—	—	6
7	·05	—	·15	·06	—	—	—	·10	—	·02	—	·12	7
8	·01	—	—	—	—	—	—	—	—	—	·02	—	8
9	—	—	·31	·01	—	·06	—	—	—	·07	·03	·09	9
10	—	—	—	·01	—	—	—	—	—	·01	—	·14	10
11	·02	·08	—	·05	—	—	—	·01	—	—	·01	(2)	11
12	·42	—	—	·01	·01	—	—	—	·05	—	·22		12
13	·20	—	·08	—	·18	·05	—	—	·79	—	·45	—	13
14	—	·06	·50	—	—	·05	—	—	—	—	·01	·36	14
15	—	·12	·32	—	·14	—	—	—	·01	—	·03	·25	15
16	—	—	·23	—	—	—	—	—	·01	·01	·11	·32	16
17	·02	—	·49	·15	—	·10	·12	—	—	—	—	·02	17
18	—	—	·12	·02	—	·66	—	—	—	—	·28	·09	18
19	—	·19	·15	—	—	—	—	—	—	—	·93	·06	19
20	—	—	·04	·03	—	·02	·01	·10	·06	·33	·95	·02	20
21	—	·13	—	·04	—	—	·26	·21	·05	—	·06	·16	21
22	—	·12	—	—	—	·01	—	·77	—	—	·18	—	22
23	·24	—	—	—	—	·02	—	·32	—	—	·31	—	23
24	·06	·15	—	—	—	1·17	—	—	·11	—	—	·04	24
25	—	·04	·01	·02	—	1·75	—	·01	—	·11	—	·05	25
26	—	·10	·01	—	—	·63	—	—	·14	·13	·02	·01	26
27	—	—	—	·07	·04	·01	—	·02	—	1·38	·62	·08	27
28	—	·06	·02	·14	—	—	—	·15	·05	·05	·04	·02	28
29	—	—	·04	·22	—	·01	~~·14~~	—	—	·15	—	·07	29
30	—	—	·01	·03	—	·01	·14	·04	·43	·10	·01	·03	30
31	—	·02	·01	—	·02 ·10	·02	—	·01	·21	·07 ·07	—	·01 ·02	31
Total	~~1·43~~ 1·43	~~1·05~~ 1·07	~~2·82~~ 2·80	~~1·35~~ 1·35	~~·55~~ ·65	~~4·65~~ 4·57	~~·90~~ ·88	~~2·13~~ 2·14	~~1·71~~ 1·91	~~3·09~~ 2·95	~~4·44~~ 4·37	~~2·37~~ 2·39	TOTAL for Year ~~26·49~~ 26·61
No. of Rain Days.	13	~~10~~ 11	~~19~~ 18	17	~~7~~ 8	15	~~7~~ 6	~~13~~ 14	11	17	~~21~~ 20	~~22~~ 23	193

W. 8,000, X. '11.

cor^d for WD & cor^d by mn. stats

STATION LEVEL PR
PRESSURE HEIGH

REGISTER OF RAINFALL IN 1911

FORM A2.
BRITISH RAINFALL.
7 FEB 1912

Kept at Hurworth Burn Reservoir

in the County of Durham.

by Hartlepool Gas & Water Comp^y.

Rain Gauge: Pattern Cassella (square top)
Diameter of top 10" in.
Height of top above Ground 1 ft. 0 in.
" " " Sea Level 357 ft.

Time of Observation 9 a.m.

Nearest Railway Station: Name Hurworth Burn
Distance 100 yds Direction East.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following. ·02

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	—	·02	—	—	·10	·02	—	·01	·21	·07	—	1
2	·01	—	—	—	—	—	·03	·05	—	—	—	—	2
3	·28	—	—	—	·11	—	·32	—	—	·03	—	—	3
4	·02	—	·18	·11	·05	—	—	—	—	·28	·01	—	4
5	·09	—	·13	·28	—	—	—	·15	—	·08	·08	·16	5
6	·01	—	—	·10	—	—	—	·20	—	·06	—	—	6
7	·05	—	·15	·06	—	—	—	·10	—	·02	—	·12	7
8	·01	—	—	—	—	—	—	—	—	—	·02	—	8
9	—	—	·31	·01	—	·06	—	—	—	·07	·03	·09	9
10	—	—	—	·01	—	—	—	—	—	·01	—	·14	10
11	·02	·08	—	·05	—	—	—	·01	—	—	·01	— (2)	11
12	·42	—	—	·01	·01	—	—	—	·05	—	·22	—	12
13	·20	—	·08	—	·18	·05	—	—	·79	—	·45	—	13
14	—	·06	·50	—	—	·05	—	—	—	—	·01	·36	14
15	—	·12	·32	—	·14	—	—	—	·01	—	·03	·25	15
16	—	—	·23	—	—	—	—	—	·01	·01	·11	·32	16
17	·02	—	·49	·15	—	·10	·12	—	—	—	—	·02	17
18	—	—	·12	·02	—	·66	—	—	—	—	·28	·09	18
19	—	·19	·15	—	—	—	—	—	—	—	·93	·06	19
20	—	—	·04	·03	—	·02	·01	·10	·06	·33	·95	·02	20
21	—	·13	—	·04	—	—	·26	·21	·05	—	·06	·16	21
22	—	·12	—	—	—	·01	—	·77	—	—	·18	—	22
23	·24	—	—	—	—	·02	—	·32	—	—	·31	—	23
24	·06	·15	—	—	—	1·17	—	—	·11	—	—	·04	24
25	—	·04	·01	·02	—	1·75	—	·01	—	·11	—	·05	25
26	—	·10	·01	—	—	·63	—	—	·14	·18	·02	·01	26
27	—	—	—	·07	·04	·01	—	·02	—	1·38	·62	·08	27
28	—	·06	·02	·14	—	—	—	·15	·05	·05	·04	·02	28
29	—	—	·04	·22	—	·01	~~·14~~	—	—	·15	—	·07	29
30	—	—	·01	·03	—	·01	·14	·04	·43	·10	·01	·03	30
31	—	—	·01	—	·02	—	—	—	—	·07	—	·01	31
		·02			·10	·02		·01	·21	·07		·02	
Total	~~1·43~~ 1·43	~~1·05~~ 1·07	~~2·82~~ 2·80	~~1·35~~ 1·35	~~·55~~ ·65	~~4·65~~ 4·57	~~·90~~ ·88	~~2·13~~ 2·14	~~1·71~~ 1·91	~~3·09~~ 2·95	~~4·44~~ 4·37	~~2·37~~ 2·39	TOTAL for Year ~~26·49~~ 26·51
No. of Rain Days.	13	~~10~~ 11	~~19~~ 18	17	~~7~~ 8	15	~~7~~ 6	~~13~~ 14	11	17	~~21~~ 20	~~22~~ 23	173

W. 8,000, X. '11.

Sent for W.D. 19.III.13

REGISTER OF RAINFALL IN 1912.

FORM A.
BRITISH RAINFALL.

24 JAN 1913

Kept at Hurworth Burn
in the County of Durham
by Hartlepool Gas & Water Co.

Lat. 54° 41' 35" Long. 1° 22' (W)
Time of Observation 9 a.m
Nearest Railway Station Hurworth Burn
Diameter of Rain Gauge 10 ins
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 357 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
NIL

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.02		.02	.23		.05		.43	.17	.24	.05		1
2		.25	.03			.30	.16	.21	.02	.31		.09	2
3		.08	.04	.01		.20	.29	.45	.03	.40	.03		3
4	.10	.15				.48	.01	.45	.24	.05		.14	4
5	.14		.18		.05	.79		.25			.26		5
6			.01		.12	.09		.09			.02		6
7	.54	.13	.02			.02		.03					7
8	.01	.02			.09			.17	.31				8
9	.10	.09	.02			.03			.20		.15		9
10		.01	.05	.03		.62			.03		.07		10
11		.01	.01	.03	.01	.18			.02		.03	.02	11
12	.03	.04						.05	.05		.57	.01	12
13	.03	.22	.04			.08	1.03		.01		.44	.02	13
14		.01				.37		.03		.04	.33		14
15	.05		.34			.05		.03		.04		.02	15
16					.55	.06						.20	16
17	.20	cancelled ~~.15~~	.05		.04	.04	.02			.06			17
18		.06	.23			.37		.15					18
19	.08	.08				.03	.03			.04			19
20	.14	.40	.03			.02	.31	.25		.02	.01		20
21	.16	.05	.04		.52	.10		.14		.08	.02		21
22	.07		.01		.23		.07			.01			22
23	.01	.03			.60	.59		.04		.04	.01		23
24	.19		.02		.06	.01	.12	.77		.24	.03		24
25	.40						.21	.36		.02		.05	25
26	.43					.41	.02	.66			.04		26
27	.10	.02				.01		.23		.70	.04	.21	27
28			.04			.24	.43	.01		.22	.04	.12	28
29			.02	.02	.03	.20	.25	.40		.25	.09		29
30	.01		.07			.21	.03	.02	.32	.04			30
31	.09				.04			.03		.20			31
	-	.02	.23	-	.05	-	.43	.17	.24	.05	-	-	YEAR'S TOTAL
Total	~~2.90~~	~~1.65~~	~~1.27~~	~~.32~~	~~2.34~~	~~5.55~~	~~2.98~~	~~5.25~~	~~1.40~~	~~2.99~~	~~2.23~~	~~.88~~	~~29.76~~
	2·88	1·67	1·48	·09	2·39	5·50	3·41	4·99	1·47	2·80	2·18	·88	29·74
Rain Days.	20	18	20	4	13	25	15	23	11	19	18	10	195

W. 7,500, XI. ·12

√ [illegible] WD. 13.IV.14 Ex J L

REGISTER OF RAINFALL IN 19~~13~~

FORM A. BRITISH RAINFALL. 15 JAN 1914

Kept at Hurworth Burn Reservoir.
in the County of Durham.
by Hartlepool Gas & Water Company.

Lat. 54°41′35″ Long. 1°22′ (W)
Time of Observation 9 a.m.
Nearest Railway Station Hurworth Burn
~~Diameter of~~ Rain Gauge 10″ in. square.
Height of top of Gauge above Ground 1 ft. 12 in.
" " " " Sea Level 357 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. NIL.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1									·03				1
2				·33					·28	·03	·02		2
3						·08				·07	·01		3
4	·03				·08		·25						4
5	·21					·01	·02	·03	·11	·50	·02	·05	5
6	·32	·02				·21	·02	·05		·40			6
7	·01	·13	·11		·23	·18	·20			1·18			7
8		·09		·02	·02		·02			·38			8
9					·02	·10			·12		·08		9
10		·06		·09	·33	·07				·02			10
11		·02	·05	·01	·02		·02	·08		·01	·30		11
12	·33			·49	·15	·04					·04		12
13	·32								·28		·01		13
14							·04	·12	·13	·05	·08		14
15	·05	·07											15
16	·10		·09	·08			·01		·03		·01	·04	16
17								·04			·01		17
18		·02	·11	·01		·05	·01				·02		18
19			·11	·15	·08	·05					·04	·01	19
20	·06		·01		·08								20
21	·51			·04					·26	·15	·20		21
22	·10				·02		·01	·33			·01		22
23	·02		·35		·04	·02	·01	·21	·04	·07			23
24	·13		·04			·09	·05		·08	·03	·04		24
25	·15					·21		·11				·03	25
26									·52	·01		·01	26
27			·01	·20					·33	·19	·15	·22	27
28			·03	·18	·10	·13				·01	·02	·02	28
29	·30		·10	·93	·01							·34	29
30			·40	·18	·04			·83			·04	·45	30
31	·21		·01		·05					·18		·11	31
Total	2·85	0·41	1·42	2·68	1·18	1·21	·66	·03 ~~1·77~~ 1·80	~~2·15~~ 2·12	3·28	1·10	1·28	YEAR'S TOTAL 19·99
Rain Days.	16	7	13	13	15	13	12.	~~9~~ 10	~~12~~ 11	16	18	10	154

W.7,000, XI. 13

[illegible] stats } 13.IV.15 DL
- W W D

REGISTER OF RAINFALL IN 1914.

FORM A.
BRITISH RAINFALL.
20 JAN 1915

Kept at Hurworth Burn
in the County of Durham
by Hartlepool Gas & Water Coy

Lat. 54° 41' 35" Long. 1° 22' W.
Time of Observation 9 a.m.
Nearest Railway Station Hurworth Burn
Diameter of Rain Gauge 10 in. (square)
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 357 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. Nil

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		.10	.02		.11			.21	.01		.38	.04	1
2		.01	.01				.30	.09		.01	.11	.12	2
3							.41	.12		.02	.25	.05	3
4			.01		.20			.01			.14	.29	4
5				.08	.01	.01					.02	.12	5
6			.09		.01	.02				.02	.74		6
7				.03	.03			.13			.06	.02	7
8	.29		.04		.22	.20						.01	8
9			.17		.22	.49	.05	.06		.02			9
10	.22	.03	.03	.03	.01	1.71			.40		.13	.08	10
11	.09	.02	.05						.05		.01	.02	11
12		.02			.12	.11			.02		.20	.49	12
13	.02	.01							.11			.53	13
14	.04	.01	.08								.03	.23	14
15	.19	.07					.29				.12	.12	15
16	.05		(.25)				.43				.50	.07	16
17	.12		.08				1.47		.11		.17		17
18	.06	.01				.73	.06		1.03		.07	.03	18
19	.02	.02							.16	.02	.01	.06	19
20	.01						.29		.22		.06		20
21	.01		.40			.36	.01		.02				21
22	.02	.16	.05			.13				.06	.15	.07	22
23					.20	.03		.03		.14	.12	.21	23
24		.04	.11		.30	.12					.01	.04	24
25			.02	.09				.07			.20		25
26		.08						.05		.41	.05	.04	26
27			.21				.11	.02		.22	.02	.16	27
28	.03									.02	.17	.22	28
29			.01							.01	.03	.07	29
30	.01	×	.01		.01			.25		.57	.05		30
31		×		×	.05	×		.15	×	.15	×	.04	31
	.10	.02	–	.11	–	–	.21	.01	–	.38	.04	–	YEAR'S TOTAL
Total	~~1.18~~	~~.58~~	~~1.64~~	~~.23~~	~~1.49~~	~~3.91~~	~~3.42~~	~~1.19~~	~~2.13~~	~~1.67~~	~~3.80~~	~~3.13~~	24.37
Rain Days.	1·28 ~~15~~ 16	·50 13	1·62 ~~18~~ 17	·34 ~~14~~ 15	1·38 ~~13~~ 12	3·91 11	3·63 ~~10~~ 11	·99 12	2·12 ~~10~~ 9	2·05 ~~13~~ 14	3·46 26	3·09 ~~24~~ 23	169

W. 8,000. X. 14.

corrected for WD 15.3.16 corr. 9.v.16 3727

HARTLEPOOL GAS & WATER Co.

REGISTER OF RAINFALL IN 1915

FORM A. BRITISH RAINFALL.

20 JAN 1916

Kept at Hurworth Burn

in the County of Durham

by Hartlepool Gas & Water Co.

Lat. 54° 41' 35 Long. 1° 22' (W.)
Time of Observation 9 A.M.
Nearest Railway Station Hurworth Burn
~~Diameter of~~ Funnel of Rain Gauge 10 in. s. square
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 357 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·04

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		.12	.10		.09				.35	.08	.02	.01	1
2	.10	.12	.06		.08		.09	.19	.38		.07	.20	2
3		.21	.23			.08	.02	.06	.15		.30	.04	3
4	.60		.02	.11			.30				.47	.97	4
5	.17				.03						.09	1.10	5
6	.03	.07				.02	.05			.27	.04	.65	6
7	.03	.05	.08				.80		.02	.04		.11	7
8	.11	.27	.05				.20	.15					8
9	.02	.05	.06				.14	.14			.08		9
10		.02						.05		.01		.41	10
11	.07		.10					.27				.24	11
12	.05	.19			.86		.05	.02				.09	12
13	.14	.09		.20	.05		.18	.05		.04	.62	.05	13
14		.12			.02		.02	.05			.02	.01	14
15		.15			.05		.01	.04				.03	15
16	.08	.05					.33	.15				.09	16
17	.03	.03					.60	.07		.40	.11		17
18	.05	.07					.03		.06	.01	.05	.08	18
19	.04	.09	.36						.10	.11	.04	.10	19
20		.10	.02				.05		.05	.13			20
21	.02									.14		.47	21
22	.22			.14	.01		.02					.06	22
23	.16		.02				.09			.02		.10	23
24	.25	.20	.01	.02	.11		.52		.01	.04		.11	24
25			.26	.07			.02		.33	.06		.26	25
26			.01			.16			.01	.09		.01	26
27	.02		.04			.15	.21		.03	.02	(.17)	.17	27
28	.02	.06	.06				.05			.20		.54	28
29					.30		.03	.45		.35		.02	29
30	.05	×			.42		.02	.02	.45		.08	.43	30
31	.08	×		×		×	.02		×	.01	×	.01	31
	.12	.10	–	.09	–	–	–	.35	.08	.02	.01	.04	YEAR'S TOTAL
Total	~~2.34~~ 2.46	~~2.06~~ 2.04	~~1.48~~ 1.38	~~.54~~ .63	~~2.02~~ 1.93	~~.41~~ .41	~~3.85~~ 3.85	~~1.71~~ 2.06	~~1.94~~ 1.67	~~2.02~~ 1.96	~~2.12~~ 2.11	~~6.36~~ 6.39	~~26.85~~ 26.89
Rain Days.	~~22~~ 23	19	~~16~~ 15	~~5~~ 6	~~11~~ 10	4	24	~~14~~ 15	12	18	14	27	~~186~~ 187

W. 8,000, X. 15.

266

RE 16

HURWORTH BURN

DURHAM

1916

FORM A.
BRITISH RAINFALL.
19. JAN 1917

Kept at Hurw

in the County of D

by Hartlepool

Long. 1° 22' W.

9 a.m.

ion Hurworth Burn

f Rain Gauge 10 in.

ge above Ground 1 ft. 0 in.

„ Sea Level 357 ft.

IMPORTANT N and the result entered to the previous day. If an observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
NIL

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.04		.35			.07				.02	.06		1
2	.10		.20			.11	.40			.02	.02		2
3	.01	.02	.10						.10	.04	.01	.03	3
4		.03	.11	.08			.12	.02	1.16	.08	.05		4
5		.21	.02	.03	.54	.05	.39		.20	.52	.25		5
6	.03	.12	.11		.20	.14				.32	.16		6
7		.12	.22	.03	.37	.08	.18				.12	.02	7
8			.13		.13		.10			.04	.02	.17	8
9			.18		.01	.35							9
10	.06		.06			.10						.16	10
11			.10			.07	.10				.04	.37	11
12		.34	.35			.05	.26		.11	.04		.13	12
13	.02	.03	.37		.50	.31	.57					.37	13
14		.01	.30		.12	.01	.06	.27	.09	.22		.25	14
15		.15	.06		.03	.03		.16		.08		.08	15
16		.12	.45	.04			.04	1.08					16
17			.24	.02			.05	.02				.25	17
18	.04		.02	.09	.02		.01	.01	.14	.12			18
19		.23	.01	.69			.04	.23	.11	.05	.75		19
20	.02	.05	.06	.27					.08		.32	.12	20
21	.02		.27	.12			.25	.18			.10	.02	21
22			.07	.05	.04		.02						22
23		.11	.03	.09		.09				.06			23
24		.04	.07			.57						.24	24
25			.06			.27		.20		.06			25
26			.03		.02	.01		.25		.06	.14	.04	26
27	.13	.30			.04	.01						.01	27
28		.27	.02					.65		.05			28
29	.01	.16						.02		.17	.01	.14	29
30		X								.07			30
31		X		X		X	.02		X	.17	X		31
	–	.55	–	–	.07	–	–	–	.02	.06	–	–	YEAR'S TOTAL
Total	~~.48~~	~~2.31~~	~~3.99~~	~~1.51~~	~~2.02~~	~~2.32~~	~~2.55~~	~~3.09~~	~~1.99~~	~~2.19~~	~~2.05~~	~~2.40~~	~~26.90~~
	.44	2.66	3.64	1.51	2.09	2.25	2.55	3.09	2.01	2.23	1.99	2.40	26.86
Rain Days.	10	~~17~~ 18	~~27~~ 26	11	~~12~~ 13	~~17~~ 16	16	12	~~8~~ 9	19	~~14~~ 13	16	~~180~~ 179

W. 8,000, VIII. 16

✓

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.
19. JAN 1917

Kept at Hurworth Burn
in the County of Durham
by Hartlepool Gas & Water Co.

Lat. 54° 41' 35" Long. 1° 22' W.
Time of Observation 9 a.m.
Nearest Railway Station Hurworth Burn
Diameter of Funnel of Rain Gauge 10 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 357 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. NIL

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·04		·35			·07				·02	·06		1
2	·10		·20			·11	·40			·02	·02		2
3	·01	·02	·10						·10	·04	·01	·03	3
4		·03	·11	·08			·12	·02	1·16	·08	·05		4
5		·21	·02	·03	·54	·05	·39		·20	·52	·25		5
6	·03	·12	·11		·20	·14				·32	·16		6
7		·12	·22	·03	·37	·08	·18				·12	·02	7
8			·13		·13		·10			·04	·02	·17	8
9			·18		·01	·35							9
10	·06		·06			·10						·16	10
11			·10			·07	·10				·04	·37	11
12		·34	·35			·05	·26		·11	·04		·13	12
13	·02	·03	·37		·50	·31	·57					·37	13
14		·01	·30		·12	·01	·06	·27	·09	·22		·25	14
15		·15	·06		·03	·03		·16		·08		·08	15
16		·12	·45	·04			·04	1·08					16
17			·24	·02			·05	·02				·25	17
18	·04		·02	·09	·02		·01	·01	·14	·12			18
19		·23	·01	·69			·04	·23	·11	·05	·75		19
20	·02	·05	·06	·27					·08		·32	·12	20
21	·02		·27	·12			·25	·18			·10	·02	21
22			·07	·05	·04		·02						22
23		·11	·03	·09		·09				·06			23
24		·04	·07			·57						·24	24
25			·06			·27		·20		·06			25
26			·03		·02	·01		·25		·06	·14	·04	26
27	·13	·30			·04	·01						·01	27
28		·27	·02					·65		·05	—		28
29	·01	·16			—			·02		·17	·01	·14	29
30		✕								·07			30
31		✕		✕		✕	·02		✕	·17	✕		31 ✓
	—	·55	—	—	·07	—	—	—	·02	·06	—	—	YEAR'S TOTAL
Total	~~·48~~	~~2·31~~	~~3·99~~	~~1·51~~	~~2·02~~	~~2·32~~	~~2·55~~	~~3·09~~	~~1·99~~	~~2·19~~	~~2·05~~	~~2·40~~	~~26·90~~
	·44	2·66	3·64	1·51	2·09	2·35	2·55	3·09	2·01	2·23	1·99	2·40	26·86
Rain Days.	10	18	26	11	13	16	16	12	9	19	15	16	~~180~~ 179

W. 8,000, VIII. 16

and for WD

3509
3526

FORM A.
BRITISH RAINFALL.

18. JAN 1918

REGISTER OF RAINFALL IN 1917.

Kept at Hurworth Burn
in the County of Durham
by Hartlepool Gas & Water Co.

Lat. 54° 41′ 35″ Long. 1° 22′ W
Time of Observation 9 AM
Nearest Railway Station Hurworth Burn
Diameter of Funnel of Rain Gauge 10 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 357 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·27

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·12		·13	·07			·01				·01	1
2				·06		·10		·24	·43		·13	·01	2
3	·11			·39		·01		·35			·01		3
4				·16			·02			·04	·01		4
5			·02	·02				·02			·01		5
6	·01		·05	·18				·01		·01	·02		6
7						·05				·12	·01		7
8	·83		·02					·05		·17	·01	·01	8
9	·23		·03	·19	·01			·99	·02	·37	·05		9
10	·14		·01	·01				·24	(·02)	·04	·35	·04	10
11	·04		·58	·26	·10			·12		·20	·20		11
12	·10	·13		·06	·06			·08		·05			12
13	·28	·04		·07	·12			·01		·14	·01	·07	13
14	·15			·01	·08	·10		·48	·07	·07		·01	14
15	·28	·01	·06	·07	·58			·10		·06		·10	15
16	·18			·05	·05		·03	·32	·02			·27	16
17	·10			·16	·01	·02		·04	·01		·01	·50	17
18	·07	·01		·11	·09	·09		·22	·04			·27	18
19	·03			·08	·39		·21	·14	·01				19
20	·15	·11	·16		·11	·02						·01	20
21	·15	·35	·05	·03		·33		·01	·10		·17	·33	21
22		·20	·16					·05					22
23			·21	·01				·04		·02			23
24	·02	·02			·07			·15		·02	·02	·01	24
25	·01	·01		·01			·08	·02		·23	·29		25
26		·04	·05			·22		·02	·01	·04		·21	26
27			·17			·20		·82	·21	·05	·02	·13	27
28	·02		·12			·11	·35	·72		·05		·16	28
29	·01		·06				·04	·46		·02		·03	29
30	·03	X	·01				·04	·14		·16		·01	30
31	·11	X	·04	X		X			X	·07	X	·17	31
Total	12 ~~3·05~~ 3·17	- ~~1·04~~ ·92	·13 ~~1·80~~ 1·93	·07 ~~2·06~~ 2·00	- ~~1·74~~ 1·67	- ~~1·25~~ 1·25	·01 ~~·77~~ ·78	- ~~5·85~~ 5·84	- ~~·93~~ ·93	- ~~1·93~~ 1·93	·01 ~~1·32~~ 1·33	·27 ~~2·35~~ 2·61	YEAR'S TOTAL ~~22·09~~ 24·36
Rain Days.	22	11	17	20	13	11	8	21	11	20	16	19	194 1915

W. 8,000, IX. 17.

Exd. E.F.E   ent. pr WD   11   3526

FORM A. BRITISH RAINFALL.   15. 1.

REGISTER OF RAINFALL IN 1918.

Kept at Hurworth Burn
in the County of Durham
by Hartlepool Gas & Water Co.

Lat. 54° 41' 35" Long. 1° 22' W.
Time of Observation 9 a.m.
Nearest Railway Station Hurworth Burn
Diameter of Funnel of Rain Gauge 10 in. (ag)
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 357 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·06

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·27		·09	·24					·02	·11		·03	1
2	·04	·02	·09	·03	·02				·15	·10	·09	·04	2
3	·05	·02		·07					·09	·01		·13	3
4	·01		·04		·04			·02		·12	·16		4
5			·05		·21			·03	·02	·08	·04	·06	5
6			·16	·03	·35		·01	·42		·03	·01	·03	6
7	·04	·14		·28	·01	·15		·19		·06		·01	7
8	·09	·02		·02			·10		·02	·01	·06		8
9			·14				·09		·03	·03	·01	·01	9
10		·20		·08		·01			·47	·08		·01	10
11			·01	·02			·11			·01			11
12	·20	·08	·04	·01	·27		·01	·01				·10	12
13		·16	·01	·02			·04		·16	·25		·02	13
14		·01		·11	·11				·06	·04			14
15	·04			·07		·09	·03		·39	·01		·01	15
16				·03		·02	·55		1·18			·61	16
17	·01		·01				·25	·18	·39			·23	17
18	·23				·05		·35	·04	·18	·19		·11	18
19	·56		·05	·03		·03	·52		·34	·31		·07	19
20	·26		·04	·27			·33	·15	·01	·45		·01	20
21	·11	·37		·20		·04	·57		·09	·07			21
22	·14	·01		·01	·01	·04	·07		·10	·08	·01		22
23	·01				·01	·02	·02					·39	23
24	·12				·17		1·10		·02		·01		24
25		·01				·01	·09	·14	·13	·02	·01		25
26			·02				·12	·19			·12	·14	26
27							·04	·05	·24		·03		27
28		·02	·04		·02	·02	·01	·42	·19		·04	·02	28
29			·35								·02	·33	29
30		X	·02					·01	·25		·02	·14	30
31		X	·04	X		X			X		X	·29	31
	–	·09	·24	–	–	–	–	·02	·11	–	·03	·06	YEAR'S TOTAL
Total	~~2·18~~ 1·91	~~1·06~~ 1·15	~~1·20~~ 1·35	~~1·52~~ 1·28	1·27	·43	4·41	~~1·85~~ 1·87	~~4·53~~ 4·62	~~2·06~~ 1·95	~~·63~~ ·66	~~2·79~~ 2·82	~~23·93~~ 23·72
Rain Days.	~~16~~ 15	13	17	~~17~~ 16	12	10	20	~~13~~ 14	22	~~20~~ 19	~~14~~ 15	22	~~196~~ 195

W. 6,500, VII. 18. W W C

cored for WD

Eg Rb

3337

3526

14 JAN 20

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Hurworth Burn

in the County of Durham

by Hartlepool Gas & Water Coy

Lat. 54·41'35" Long. 1°22' W.
Time of Observation 9 a.m.
Nearest Railway Station Hurworth Burn
Diameter of Funnel of Rain Gauge 10 in. sq.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 357 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·07

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·06	·07		·04	·19		·16	·12	·01		·30	·03	1
2	·11	·07			·18		·42		·18	·04	·11	·02	2
3		·01					·45				·14		3
4	·57			·02	·09	·08	·19		·01		·25	·02	4
5	·42	·12	·39		·08	·10	·02		·04		·23	·01	5
6	·21	·20				·03	·01				·07		6
7			·13		·02					·01	·27	·10	7
8	·01		·26		·05						·02	·19	8
9	·12		·01	·03	·11					·15	·25	·07	9
10	·03		·09							·02	·23	·02	10
11			·02		·07					·17	·22	·04	11
12			·63		·07		·02		·15	·09	·22		12
13			·36	·04			·03		·05	·18	·02	·01	13
14	·07		·09	·02		·14	·09	·12		·18	·10		14
15	·12	·01	·01	·33				·05		·05	·23		15
16	·14	·36	·09	·12				·02			·08	·70	16
17	·02	·04		·02							·02	·01	17
18		·04		·04	·05						·08		18
19			·01				·02	·23				·07	19
20	·03	·13	·21	·02		·01	·02	·11	·13		·02	·02	20
21	·35	·25	·04			·03	·02	·01				·10	21
22	·07	·19	·09			·10			·06		·02	·11	22
23		·13	·09			·03	·16			·01		·06	23
24	·02	·01	·07	·07		·16	·01			·85	·01		24
25	·01		·01	·05		·03	·01			1·06	·09	·01	25
26	·03	·10		·05	·03	·01		·52			·17	·05	26
27		·18	·05	·02				·37	·04	·22	·56	·27	27
28	·07	·09		·34			·02			1·04	·32	·01	28
29	·24			·10			·01	·88		·76	·10	·40	29
30	·21	×	·02	·01		·01				·70		·11	30
31	·06	×	·12	×		×			×	·31	×	·27	31
TOTAL	·07 ~~2·97~~ 2·98	- ~~2·00~~ 1·93	·04 ~~2·79~~ 2·83	·19 ~~1·32~~ 1·47	- ~~·94~~ ·75	·16 ~~·73~~ ·89	·12 ~~1·66~~ 1·62	·01 ~~2·43~~ 2·32	- ~~·67~~ ·66	·30 ~~5·84~~ 6·14	·03 ~~4·13~~ 3·86	·07 ~~2·70~~ 2·74	YEAR'S TOTAL ~~28·18~~ 28·19
Days with ·01 in. or more	22	~~17~~ 16	~~21~~ 22	17	~~11~~ 10	~~12~~ 13	17	10	~~9~~ 8	~~17~~ 18	26	24	203

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

cont for WD Ex M.L 3217

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. 3526

26 JAN 1921

REGISTER OF RAINFALL IN 1920

Kept at Hurworth Burn

in the County of Durham

by Hartlepool Gas & Water Coy.

Lat. 54° 41′ 35″ Long. 1° 22′ W.

Time of Observation 9 a.m.

Nearest Railway Station Hurworth Burn

Diameter of Funnel of Rain Gauge 10 in. sq.

Height of top of Gauge above Ground 1 ft. 1 in.

" " " " Sea Level 357 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. 0·16″

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·07	·08				·01		·02		·33		·10	1
2			·10	·31	·73	·01	·27			·19		·32	2
3			·10	·24	·01		·09		·22	·18		·16	3
4		·02		·24		·07	1·07	·01	·09	·18		·19	4
5	·04			·03	·01		·32	·59	·01	1·02		·04	5
6			·01		·05		·26	·11	·04	·01		·07	6
7			·17	·06	·03		·03			·01	·01	·09	7
8	·05	·01					·04				·13		8
9	·01			·09	·03		·08					·01	9
10	·12		·02	·31			·25	·10	·08	·01		·04	10
11	·78	·06	·02	·61			·05	·01				·33	11
12	·29			·19	·29							·43	12
13	·19		·02	·38			·03		·01			·13	13
14	·11			·02					·01		·07	·09	14
15		·04	·18	·11			·09		·09	·19	·03	·04	15
16		·05	·19	·15			·05			·99			16
17				·04			·46		·09			·04	17
18					·12		·01	·08	·05	·01			18
19	·15	·04	·01		·15	·02	·08	·02	·05				19
20		·39		·07		·02		·07	·02		·01		20
21	·11	·02		·07		·06			·10				21
22				·13			·18	·42	·13				22
23	·03			·07			·08						23
24			·04	·05			·25			·01	·01	·12	24
25	·03		·27	·01			·03	·01				·02	25
26		·09	·06	·01		·01	·30						26
27	·01	·03	·47	·02			·15			·01		·01	27
28	·08		·01	·09	·64	·53	·01				·34	·05	28
29	·31		·30	·02	·01	·03	·04				·04	·30	29
30	·05	✕	·04		·76	·01	·06			·01	·04	·48	30
31	·06	✕	·02	✕	·29	✕			✕		✕	·05	31
	·08	–	–	–	·01	–	·02	–	·33	–	·10	·16	YEAR'S TOTAL
TOTAL	~~2·49~~ 2.58	~~0·83~~ ·75	2·03	3·32	~~3·12~~ 3.13	~~0·77~~ ·76	~~4·28~~ 4.30	~~1·44~~ 1.42	~~0·99~~ 1.32	~~3·15~~ 2.82	~~0·68~~ ·78	~~3·11~~ 3.17	~~26·21~~ 26.30
Days with ·01 in. or more	18	11 10	18	24	~~13~~ 14	~~10~~ 9	~~25~~ 26	~~11~~ 10	~~14~~ 15	~~14~~ 13	~~9~~ 10	22	189
Days with ·04 in. or more	14	6 7	11	18	8	3	20	6	~~10~~ 11	~~7~~ 6	5 6	19	128

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

Cont for W.D. 18.IV.

FORM A2.
BRITISH RAINFALL.

7 FEB 1912

REGI 11

DURHAM

HURWORTH RES

CROOKFOOT RES

1911 - 1920

Kept at Crookfoot sella (square 10 in.

in the County of Du ove Ground 1 ft. 6" in.

by Hartlepool Sea Level 293 ft.

9 a.m.

Name Hurworth Burn

Distance 3½ m. Direction N.W.

IMPORTANT NOTE.— nd the result entered to the previous day. If an Observ niversal rule, he is earnestly requested to add the reading year in the space provided for it at the end of this p rement of rain, the selection and placing British Rainfall Organization are given in " n application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·05

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			·03	·01		·08	·04			·11	·04	·01	1
2	·02						·03	·05					2
3	·31				·04		·48			·05	·01	·01	3
4	·03		·12	·08	·10			·02		·17			4
5	·07		·13	·19				·19	·01	·08	·20	·21	5
6	·03		·02	·02				·35		·08			6
7	·06		·13	·05				·08		·08		·22	7
8	·01	·01	·01	·01							·03		8
9			·30	·02		·05				·02	·05	·05	9
10										·03	·01	·14	10
11	·01	·07		·02		·01		·01			·01	·24	11
12	·20							·01	·05	·01	·20	·04	12
13	·13		·10		·06	·03			·75		·44		13
14		·05	·29		·01	·07		·01		·01	·07	·40	14
15		·09	·26		·03		·01		·01			·20	15
16			·22	·08					·01	·01	·16	·30	16
17	·02		·35	·10		·08	·09					·03	17
18			·10	·02		·46					·38	·10	18
19		·11	·10							·01	·58	·10	19
20	·01	·02	·01	·02		·26	·01	·13	·05	·31	·91	·03	20
21		·15		·03			·24	·15	·03		·07	·20	21
22	·01	·13	·01			·01		·90		·08	·22		22
23	·19	·02				·02		·27			·20	·01	23
24	·04	·09		·02		·94	·03		·12	·01		·06	24
25		·02	·03			1·33	·01	·02		·10		·04	25
26		·11	·01	·03		·48	·02		·17	·14	·02	·08	26
27				·04	·07	·01		·03		1·16	·57	·08	27
28		·05	·02	·10				·15	·05	·08	·06	·03	28
29			·04	·17		·01				·06		·06	29
30			·02	·04		·01	·15	·08	·43	·17	·01	·04	30
31			·02		·06					·06		·01	31
	–	·03	·01	–	·08	·04	–	–	·11	·04	·01	·05	
Total	~~1·14~~	~~·92~~	~~2·32~~	~~1·08~~	~~·37~~	~~3·88~~	~~1·11~~	~~2·48~~	~~1·68~~	~~2·80~~	~~4·24~~	~~2·66~~	TOTAL for year ~~24·59~~
	1·14	·95	2·30	1·04	·45	3·81	1·07	2·45	1·79	2·73	4·21	2·70	24·64
No. of Rain Days.	15	~~13~~ 14	22	~~19~~ 18	~~7~~ 8	16	~~11~~ 10	16	~~11~~ 12	22	21	25	~~198~~ 199

W. 8,000, X. '11.

Cord for W.D. 18.IV.

FORM A2.
BRITISH RAINFALL.

-7 FEB 1912

REGISTER OF RAINFALL 11

Kept at Crookfoot Reservoir.

in the County of Durham.

by Hartlepool Gas + Water Comp^y

Rain Gauge
Pattern Casella (square base)
Diameter of top 10 in.
Height of top above Ground 1 ft. 6" in.
" " " Sea Level 293 ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Hurworth Burn
Distance 3½ m. Direction N.W.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·05

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·03	·01		·08	·04			·11	·04	·01	1
2	·02						·03	·05					2
3	·31				·04		·48			·05	·01	·01	3
4	·03		·12	·08	·10			·02		·17			4
5	·07		·13	·19				·19	·01	·08	·20	·21	5
6	·03		·02	·02				·35		·08			6
7	·06		·13	·05				·08		·08		·22	7
8	·01	·01	·01	·01							·03		8
9			·30	·02		·05				·02	·05	·05	9
10										·03	·01	·14	10
11	·01	·07		·02		·01		·01			·01	·24	11
12	·20							·01	·05	·01	·20	·04	12
13	·13		·10		·06	·03			·75		·44		13
14		·05	·29		·01	·07		·01		·01	·07	·40	14
15		·09	·26		·03		·01		·01			·20	15
16			·22	·08					·01	·01	·16	·30	16
17	·02		·35	·10		·08	·09					·03	17
18			·10	·02		·46					·38	·10	18
19		·11	·10							·01	·88	·10	19
20	·01	·02	·01	·02		·26	·01	·13	·05	·31	·91	·03	20
21		·15		·03			·24	·15	·03		·07	·20	21
22	·01	·13	·01			·01		·90		·08	·22		22
23	·19	·02				·02		·27			·20	·01	23
24	·04	·09		·02		·94	·03		·12	·01		·06	24
25		·02	·03			1·33	·01	·02		·10		·04	25
26		·11	·01	·03		·48	·02		·17	·14	·02	·05	26
27				·04	·07	·01		·03		1·16	·57	·08	27
28		·05	·02	·10				·15	·05	·08	·06	·03	28
29			·04	·17		·01				·06		·06	29
30			·02	·04		·01	·15	·08	·43	·17	·01	·04	30
31			·02		·06					·06		·01	31
	–	·03	·01	–	·08	·04	–	–	·11	·04	·01	·05	
Total	~~1·14~~ 1·14	~~·92~~ ·95	~~2·32~~ 2·30	~~1·05~~ 1·04	~~·37~~ ·45	~~3·88~~ 3·81	~~1·41~~ 1·07	~~2·48~~ 2·45	~~1·68~~ 1·79	~~2·80~~ 2·73	~~4·24~~ 4·21	~~2·66~~ 2·70	TOTAL per year ~~[illegible]~~ 24·64
No. of Rain Days.	15	~~13~~ 14	22	~~19~~ 18	~~7~~ 8	16	~~11~~ 10	16	~~11~~ 12	22	21	25	~~198~~ 199

W. 8,000, X. '11.

Corr for W.D. 19-III-13

REGISTER OF RAINFALL IN 1912.

FORM A. BRITISH RAINFALL.

24 JAN 1913

Kept at Crookfoot
in the County of Durham
by Hartlepool Gas & Water Co.

Lat. 54° 40' Long. 1° 20' (W)
Time of Observation 9 A.M
Nearest Railway Station Hurworth Burn
Diameter of Rain Gauge 10 ins
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 293 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. NIL

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	.05		.01	.24		.07		.32	.20	.25	.04		1
2		.10	.05		.01	.19	.12	.14	.01	.20		.09	2
3		.05	.03	.03		.20	.33	.43	.02	.29	.05		3
4	.10	.09				.47	.01	.35	.21	.04		.17	4
5	.13		.14		.02	.75		.28			.31		5
6					.17	.11		.02			.03		6
7	.51	.17	.02			.03						.01	7
8	.01	.05			.10			.02	.31			.01	8
9	.16	.10	.03	.01		.02			.20		.17	.01	9
10	.02	.02	.05	.03		.76		.01	.04	.01	.05		10
11		.01	.02	.03	.01	.12		.01	.04		.05	.01	11
12	.03	.05						.05	.03	.01	.40	.01	12
13	.04	.17	.06		Cancelled ~~.09~~	.09	1.15		.04		.61		13
14		.01				.07		.04	.01	.03	.22	.02	14
15	.08		.38			.06		.05				.04	15
16		.02	.20		.56	.05						.14	16
17	.18		.06		.04	.02	.01			.05			17
18		.05	.20			.35	.01	.15				.01	18
19	.07	.06				.03	.05			.03	.01		19
20	.12	.40	.05			.02	.19	.21		.02	.02		20
21	.19	.05			.67	.21	.02	.02	.01	.09			21
22	.04		.10		.22		.02			.01	.02		22
23	.01	.04	.03		.67	.50		.03		.03		.01	23
24	.20		.01	.01	.01	.02	.09	.77		.21	.06		24
25	.31					.02	.23	.35		.02		.08	25
26	.33					.40	.01	.68			.08		26
27	.12	.04	.01			.02		.23		.74	.06	.15	27
28			.06	.01		.26	.45	.02		.21	.07	.23	28
29				.01	.03	.13	.15	.45		.29	.12		29
30	.01		.07	.01	.03	.27	.02	.01	.27	.02		.01	30
31	.06				.05			.04		.13		.02	31
	-	.01	.24	-	.07	-	.32	20	.25	.04	-	-	YEAR'S TOTAL
Total	~~2.77~~ 2.72	~~1.48~~ 1.49	~~1.58~~ 1.81	~~.38~~ .14	~~2.59~~ 2.66	~~5.24~~ 5.17	~~2.86~~ 3.18	~~4.68~~ 4.56	~~1.39~~ 1.44	~~2.68~~ 2.47	~~2.37~~ 2.33	~~1.02~~ 1.02	~~29.04~~ 28.99
Rain Days.	~~22~~ 21	~~18~~ 19	20	~~9~~ 8	~~14~~ 15	~~27~~ 26	~~16~~ 17	24	13	20	~~18~~ 17	17	~~218~~ 217

W. 7,500, XI. ·12

✓ wd/fw W.D. B. IV. 14

REGISTER OF RAINFALL IN 1913.

FORM A.
BRITISH RAINFALL.

15 JAN 1914

Kept at Crookfoot Reservoir.

in the County of Durham.

by Hartlepool Gas & Water Company

Lat. 54°40' Long. 1°.20' (W).
Time of Observation 9 a.m.
Nearest Railway Station Hurworth Burn
~~Diameter of~~ Rain Gauge 10" in. square.
Height of top of Gauge above Ground 1 ft. 6" in.
" " " " Sea Level 293' ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. NIL.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		·01				·03			·02				1
2	·02		·01	·40					·20		·05		2
3	·01		·03	·01		·05				·09	·02		3
4	·04				·06		·25		·03	·01			4
5	·20	·01				·01	·04	·01	·10	·53	·03	·10	5
6	·39	·03	·01			·30	·03	·06		·15	·01		6
7	·01	·11	·18		·21	·04	·17				·03		7
8		·10		·02	·02	·08	·03			1·05		·01	8
9			·01	·01	·34	·01			·11	·34	·07		9
10		·06	·01	·06	·35	·04				·02	·01	·01	10
11		·01	·07	·02	·03		·01	·06	·02		·40		11
12	·36	·01		·71	·13	·10				·01	·06		12
13	·39						·01		·24	·01	·03		13
14	·01	·01						·06	·13		·08		14
15	·02	·07	·03	·02			·03			·03	·01	·01	15
16	·08	·01	·13	·09			·01	·02		·01	·01	·01	16
17	·01							·03	·02		·02		17
18		·01	·11	·03		·08	·01	·01		·01	·02	·01	18
19	·02		·15	·17	·05	·05			·01		·40	·01	19
20	·03		·04		·06				·01				20
21	·50	·01		·05					·19	·15	·31		21
22	·11	·01	·01		·04		·03	·25	·01		·03		22
23	·05		·30		·07	·03		·26	·05	·09	·01		23
24	·13		·01			·08	·03		·07	·03	·03		24
25	·13					·18		·11			·02	·03	25
26		·01		·02					·44			·03	26
27			·01	·28					·29	·19	·18	·25	27
28		·03	·02	·30	·11	·11					·02	·01	28
29	·30		·08	·81	·01			·01	·01	·01		·31	29
30	·01		·37	·18	·03			·58			·03	·41	30
31	·18		·03		·06					·22		·29	31
Total	·01 ~~3·00~~ 3·01	~~0·50~~ ·49	1·58	3·18	·03 ~~1·57~~ 1·60	~~1·19~~ 1·16	·65	·02 ~~1·46~~ 1·48	~~1·95~~ 1·93	2·95	1·58	1·49	YEAR'S TOTAL 21·10 ✓
Rain Days.	~~22~~ 23	~~16~~ 15	20	17	~~15~~ 16	~~15~~ 14	12	~~12~~ 13	~~18~~ 17	18	24	14	203 ✓

W.7,000, XI. 13

Exe D L

cmd for W.D. 13.IV.15

FORM A.
BRITISH RAINFALL.
20 JAN 1915

REGISTER OF RAINFALL IN 1914.

Kept at Crookfoot

in the County of Durham

by Hartlepool Gas & Water Co.

Lat. 54°40' Long.

Time of Observation 10 20' W.

Nearest Railway Station Hurworth Burn

Diameter of Rain Gauge 10 in.s (og.)

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 293 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. Nil

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		.14	.01		.08	.01		.19	.05		.38	.04	1
2		.02					.40	.10		.02	.09	.11	2
3				.01			.25	.11		.03	.23	.04	3
4			.02		.15		.09	.01			.15	.39	4
5				.09	.01	.01					.07	.10	5
6	.01	.01	.09	.05	.04	.02				.02	.67		6
7				.04	.02		.06	.10			.01	.03	7
8		.03	.06	.01	.18	.17					.02	.01	8
9	.32		.14		.25	.38	.02	.07		.02		.02	9
10	.27	.03	.01	.03	.03	1.65			.40		.09	.06	10
11	.15	.06							.07	.01	.01	.02	11
12		.03	.10		.16	.12			.02		.14	.43	12
13	.01	.02							.10			.48	13
14	.02	.09	.14								.07	.25	14
15	.15	.12		.01			.06			.02	.11	.15	15
16	.05	.02	.18				.26				.43	.05	16
17	.05		.05				1.21		.25		.17		17
18	.09	.04					.05		.86	.02	.06	.04	18
19	.02	.03	.05			.78			.14		.01	.10	19
20							.31		.19		.08		20
21	.02	.07	.40			.41			.02	.04			21
22		.16	.07			.24				.03	.23	.21	22
23	.01	.01	.01		.21	.07		.02		.10	.11	.30	23
24		.10	.15	.01	.23	.04				.01		.06	24
25	.01		.01	.08				.06			.21		25
26		.09	.01					.06		.45	.03	.14	26
27			.15				.11	.02		.22	.03	.09	27
28	.03									.02	.12	.28	28
29	.02							.02		.01	.02	.12	29
30	.01	×	.05		.01			.16		.64	.06		30
31		×	.02	×	.01	×		.10	×	.43	×	.07	31
	.14	.01	–	.08	.01	–	.19	.05	–	.38	.04		YEAR'S TOTAL
Total	~~1.24~~ 1.38	~~1.07~~ .94	~~1.72~~ 1.71	~~.33~~ .41	~~1.38~~ 1.31	~~3.90~~ 3.89	~~2.82~~ 3.01	~~1.02~~ .88	~~2.10~~ 2.05	~~1.79~~ 2.17	~~3.60~~ 3.26	~~3.59~~ 3.55	24.56
Rain Days.	~~17~~ 18	18	~~20~~ 19	~~9~~ 10	13	~~12~~ 11	~~11~~ 12	13	~~10~~ 9	~~17~~ 18	26	~~25~~ 24	191

W. 8,000. X. 14.

corrected WP 11.v.16.

3724

HARTLEPOOL GAS & WATER Co.

REGISTER OF RAINFALL IN 1915

FORM A. BRITISH RAINFALL.

2 JAN 1916

Kept at Crookfoot

in the County of Durham

by Hartlepool Gas & Water Co.

Lat. 54°40' Long. 1°20' (W)

Time of Observation 9 A.M.

Nearest Railway Station Haswell Bu[illegible]

~~Diameter of~~ Funnel of Rain Gauge 10 ins square

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 293 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·03

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		·13	·08		·10			·01	·43	·12	·03	·01	1
2	·08	·15	·01		·09		·05	·18	·46		·13	·22	2
3	·01	·25	·31	·02		·09	·02	·16	·16		·32	·06	3
4	·54		·07	·10			·26				·18	1·05	4
5	·19	·01			·04	·01	·01				·07	1·12	5
6	·07	·03					·04			·08	·06	·76	6
7	·95	·09	·07	·05			·94	·01	·04	·03		·07	7
8	·13	·35	·04				·22	·15					8
9	·03	·05	·09		·01	·05	·12	·13			·05	·01	9
10		·02						·11			·01	·52	10
11	·19		·09					·19				·15	11
12	·05	·21	·01		·93		·03				·04	·11	12
13	·20	·05		·17	·06		·21	·10		·04	·82	·06	13
14		·11			·02			·40			·01	·02	14
15		·12			·05		·01	·05				·01	15
16	·10	·06		·01			·26	·21		·03		·07	16
17	·03	·07					·60	·08		·43	·12		17
18	·21	·16	·05				·01	·01	·08		·02	·07	18
19		·10	·15						·15	·13	·06	·06	19
20		·07	·03				·01		·01	·03			20
21	·02									·14		·51	21
22	·13			·15	·01		·01					·05	22
23	·18						·06	·01		·01		·13	23
24	·17	·19	·02	·01			·10		·01	·02	·01	·11	24
25			·25	·10					·33	·04		·30	25
26	·01					·20	·01		·02	·06	·09	·01	26
27	·03	·01	·04	·02		·12	·07		·04	·03	·06	·26	27
28	·01	·07	·05				·03			·27		·53	28
29	·01		·05		·46		·01	·45		·51		·02	29
30	·07	X			·37		·09	·01	·48		·09	·32	30
31	·03	X		X		X	·02		X	·01	X	·01	31
	·13	·08	–	·10	–	–	·01	·43	·12	03	·01	·03	YEAR'S TOTAL
Total	~~2·54~~ 2·67	~~2·30~~ 2·25	~~1·41~~ 1·33	~~·63~~ ·73	~~2·14~~ 2·04	~~·47~~ ·47	~~3·19~~ 3·20	~~2·26~~ 2·68	~~2·21~~ 1·90	~~1·98~~ 1·89	~~2·17~~ 2·15	~~6·62~~ 6·64	~~27·92~~ 29·95
Rain Days.	~~24~~ 25	21	~~17~~ 16	~~9~~ 10	~~11~~ 10	5	~~24~~ 25	17	12	17	18	28	~~203~~ 204

W. 8,000, X. 15.

3658

and for W.D., W JL and by B

REGISTER OF RAINFALL IN 1916.

FORM A. BRITISH RAINFALL.

9. JAN 1917

Kept at Crookfoot

in the County of Durham

by Hartlepool Gas & Water Co

Lat. 54°40′ Long. 1°20′ (W)

Time of Observation 9 a.m.

Nearest Railway Station Hurworth Burn

Diameter of Funnel of Rain Gauge 10 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 293 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·01

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·03	·01	·32			·01	·03			·01	·08	·01	1
2	·16	·01	·21			·05	·32				·02		2
3		·02	·22						·10	·03	·01	·02	3
4		·02	·17	·09			·22	·03	1·24	·08	·06		4
5		·30	·01	·03	·61	·25	·30		·39	·47	·25		5
6	·03	·11	·20		·26	·07				·45	·16	·01	6
7		·21	·26	·04	·46	·01	·23			·03	·11	·01	7
8			·14		·13	·20	·11			·02	·02	·20	8
9			·10		·01	·20						·02	9
10			·05		·08	·06	·01			·01	·02	·16	10
11	·06		·17			·21	·11				·02	·37	11
12		·41	·35	·10	·04	·13	·24		·11	·06		·12	12
13	·02		·46	·01	·52	·02	·54			·01		·50	13
14		·01	·34		·14		·07	·25	·08	·25	·01	·23	14
15		·17	·04	·04	·02	·04		·22		·10		·05	15
16		·12	·38		·02		·04	·45					16
17			·20	·05			·03	·01				·22	17
18	·03		·01	·08	·03		·03	·04	·10	·14	·04		18
19		·32	·01	·64		·02	·02	·24	·12	·09	1·08	·02	19
20	·05	·01	·06	·25				·01	·10	·01	·54	·12	20
21	·01	·01	·27	·18			·30	·21			·09	·04	21
22		·06	·06	·12	·08		·02				·01		22
23	·01	·12		·08		·06				·07		·22	23
24			·07	·01		·31							24
25			·09			·32		·19		·06			25
26		·04	·05		·01			·30		·06	·11	·05	26
27	·14	·13			·04	·01		·01	·01	·01	·01		27
28		·35						1·16		·08	[illegible]	·01	28
29		·12	·04		·10			·03	·02	·13		·13	29
30		☒		·01						·05			30
31		☒		☒	·03	☒	·02		☒	·23	☒	·01	31
Total	·01 ~~·54~~ ·52	·32 ~~2·55~~ 2·86	– ~~4·28~~ 3·96	– ~~1·73~~ 1·73	·01 ~~2·58~~ 2·59	·03 ~~1·97~~ 1·99	2·64 ~~2·68~~ 2·61	– ~~3·15~~ 3·15	·01 ~~2·27~~ 2·28	·08 ~~2·45~~ 2·52	·01 ~~2·64~~ 2·57	·01 ~~2·52~~ 2·52	YEAR'S TOTAL ~~29·32~~ 29·30
Rain Days.	10	20	~~26~~ 25	15	~~17~~ 18	17	~~18~~ 17	14	~~10~~ 11	23	18	21	209

W. 8,000, VIII. 16

Sent for WD

Exp J.D.

3506

REGISTER OF RAINFALL IN 1917

FORM A. BRITISH RAINFALL.

Kept at Crookfoot

in the County of Durham

by Hartlepool Gas & Water Co.

Lat. 54° 40′ Long. 1° 20′ W

Time of Observation 9 AM

Nearest Railway Station Hurworth Burn

Diameter of Funnel of Rain Gauge 10 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 293 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·33

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·01	·09		·14	·01			·02				·01	1
2				·06		·25		·35	·48		·13	·01	2
3	·06			·14				·35					3
4				·11			·02			·03	·02		4
5			·01					·04					5
6	·01		·03	·18				·01		·01	·02	·01	6
7										·09	·02		7
8	·87		·02			·03		·16		·19		·02	8
9	·21		·06	·18				·95	·02	·45	·04		9
10	·17		·01					·27	·03	·03	·33	·01	10
11	·06	·02	·60	·15	·13			·13		·18	·20		11
12	·14	·06		·03	·06			·04		·04			12
13	·48	·01	·02	·07	·11			·01		·26		·06	13
14	·36			·01	·08	·14		·41	·03	·06		·01	14
15	·41	·01	·02	·04	·49			·05		·05		·10	15
16	·15			·05	·06		·02	·30	·03			·23	16
17	·06			·26		·03		·05	·01			·40	17
18	·06	·02		·10	·09	·35		·29	·02			·24	18
19	·03			·07	·44		·21	·15					19
20	·10	·12	·16		·08	·03							20
21	·11	·42	·06	·03		·40			·16		·23	·20	21
22	·01	·22	·20	·01				·03				·01	22
23			·14					·05		·02			23
24	·04	·03			·06			·11		·02	·02	·01	24
25		·02					·10	·02		·20	·23		25
26		·04	·06			·21	·11	·03		·05		·31	26
27			·15			·45		·83	·15	·06	·05	·10	27
28	·01		·17			·10	·40	·72		·04		·18	28
29	·01		·06				·03	·33		·02		·02	29
30	·02	X					·06	·12		·15			30
31	·08	X	·02	X		X			X	·03	X	·20	31
	·09	-	·14	·01	-	-	·02	-	-	-	·01	·33	YEAR'S TOTAL
Total	~~3·46~~	~~1·06~~	~~1·79~~	~~1·63~~	~~1·61~~	~~1·99~~	~~·95~~	~~5·82~~	~~·93~~	~~1·98~~	~~1·29~~	~~2·13~~	~~24·64~~
Rain Days.	3·54 23	·97 12	1·93 18	1·50 17	1·60 10	1·99 10	·97 8	5·80 25	·93 9	1·98 20	1·30 12	2·45 19	24·96 183

W. 8,000, IX. 17.

Etd. E.F.E.

8

REGISTER OF RAINFALL IN 1918

FORM A.
BRITISH RAINFALL.

Kept at Crookfoot
in the County of Durham
by Hartlepool Gas & Water Co.

Lat. 54° 40′ Long. 1° 20′ W. 1 5
Time of Observation 9 a.m.
Nearest Railway Station Haswell Burn
Diameter of Funnel of Rain Gauge 10 in. 4/.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 293 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·05

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·33		·07	·29					·01	·19	·01	·04	1
2	·03	·02	·10	·02	·02				·15	·10	·11	·05	2
3	·08	·03		·19					·08			·12	3
4	·01	·01	·03	·01	·03			·01		·06	·16		4
5			·05		·22				·06	·04	·06	·04	5
6		·01	·16	·04	·37		·01	·46		·03	·02	·01	6
7	·03	·10		·36		·14		·11		·06		·01	7
8	·06	·13		·01			·08		·01	·01	·12		8
9	·01		·12				·15		·02	·01			9
10		·27		·07					·48	·08		·01	10
11				·03			·10		·01		·01		11
12	·24	·07	·06	·02	·25		·04	·01				·07	12
13		·18	·02	·02					·27	·26		·02	13
14		·02		·07	·17				·06	·03	·01		14
15	·05			·08		·05	·04		·40	·01		·02	15
16	·01			·08		·04	·56		1·28			·70	16
17			·02		·01		·12	·16	·33			·25	17
18	·20			·01	·08		·40	·04	·25	·16		·15	18
19	·46		·05	·04		·02	·53		·33	·30		·08	19
20	·26		·05	·20			·29	·14	·02	·45		·01	20
21	·11	·37		·21		·06	·46		·09	·10			21
22	·10					·05	·10		·08	·08			22
23	·04				·03		·02		·01	·01	·01	·40	23
24	·10			·01	·20		·60		·06				24
25		·01	·01	·01		·02	·11	·02	·08	·02			25
26			·01				·05	·14			·11	·06	26
27							·01	·06	·24		·04	·01	27
28		·03	·03		·02	·01	·01	·45	·19		·04	·03	28
29			·30								·03	·33	29
30		╳	·					·01	·20		·01	·15	30
31	·01	╳	·04	╳		╳			╳		╳	·33	31
	–	·07	·29	–	–	–	–	·01	·19	·01	·04	·05	YEAR'S TOTAL
Total	~~2·13~~ 1·80	~~1·25~~ 1·32	~~1·12~~ 1·34	~~1·77~~ 1·48	1·40	·39	3·68	~~1·61~~ 1·62	~~4·71~~ 4·99	~~2·00~~ 1·82	~~·74~~ ·71	~~2·89~~ 2·96	~~23·69~~ 23·41
Rain Days.	19	14	16	29	11	8	19	13	24	19	14	22	196

W, 6,500, VII. 18. w w c

corrected for WD   3385

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

14 JAN 20

Kept at Crookfoot
in the County of Durham
by Hartlepool Gas & Water Coy

Lat. 54° 40′ Long. 1° 20′ W.
Time of Observation 9 am.
Nearest Railway Station Haswell Bury
Diameter of Funnel of Rain Gauge 10 in. sq.
Height of top of Gauge above Ground 1 ft. 6 in.
" " " " Sea Level 293 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·06

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·05	·08		·06	·20		·14	·11			·26	·02	1
2	·10	·10		·01	·19		·32		·15	·04	·13	·02	2
3		·01					·33				·19		3
4	·62			·02	·18	·07	·06				·15	·02	4
5	·40	·09	·33		·08	·11	·02		·11		·18		5
6	·21	·22				·02					·08		6
7			·14		·04					·01	·22	·12	7
8	·01		·35		·04						·02	·29	8
9	·10		·01	·03	·12			·01		·09	·22	·08	9
10	·02		·09							·02	·30	·02	10
11			·02		·06					·15	·16	·10	11
12	·01		·72		·03		·06		·18	·09	·20		12
13			·41	·02			·01		·08	·15	·01	·01	13
14	·07		·09	·02		·13	·13	·13	·01	·18	·05		14
15	·14		·01	·36				·03		·03	·38	·02	15
16	·13	·33	·12	·07				·03			·02	·75	16
17	·01	·04		·03	·01						·02	·01	17
18		·07		·04	·05						·09		18
19					·01		·01	·22			·01	·07	19
20	·03	·12	·10	·02		·01	·01	·09	·12		·03	·02	20
21	·33	·28	·01			·02	·01					·08	21
22	·09	·18	·02			·08			·05		·02	·10	22
23		·15	·04			·02	·13			·01		·05	23
24	·01		·08	·05		·15	·01			·89	·01		24
25	·01		·01	·04		·02				·99	·08		25
26	·03	·09		·09	·04			·57			·12	·06	26
27		·13	·07	·02				·28	·04	·39	·59	·20	27
28	·08	·03		·28			·01			1·31	·37		28
29	·16			·10				·92		·50	·08	·33	29
30	·17	✕	·01			·01				·82		·07	30
31	·01	✕	·09	✕		✕			✕	·28	✕	·28	31
	·08	–	·06	·20	–	·14	·11	–	–	·26	·02	·06	
Total	~~2·79~~ 2.82	~~1·92~~ 1.84	~~2·72~~ 2.78	~~1·26~~ 1.40	~~1·05~~ .85	~~·64~~ .78	~~1·25~~ 1.22	~~2·39~~ 2.28	·74	~~5·95~~ 6.21	~~3·99~~ 3.75	~~2·72~~ 2.76	Year's Tot. ~~27·42~~ 27.43
Days with ·01 in. or more	23	~~15~~ 14	~~20~~ 21	17	~~13~~ 12	~~11~~ 12	14	~~10~~ 9	8	~~17~~ 18	27	22	197

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

coord for WD CX 9112

3214

26 JAN 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Crookfoot

in the County of Durham.

by Hartlepool Gas & Water Coy

Lat 54° 40′ Long 1° 20′ W.
Time of Observation 9 a.m.
Nearest Railway Station Hurworth Burn
Diameter of Funnel of Rain Gauge 10 in. sq.
Height of top of Gauge above Ground 1 ft. 6 in.
„ „ „ „ Sea Level 293. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. 0·17"

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·06	·07			·01	·01		·01		·31		·09	1
2			·13	·31	·74	·01	·22			·21			2
3		·01	·10	·27	·02		·16		·20	·19		·31	3
4		·02		·22	·01	·05	1·12	·02	·08	·15		·21	4
5	·02			·02	·01		·34	·42	·01	1·11		·22	5
6		·01	·02	·01	·04		·17	·07	·04	·01		·03	6
7			·15	·08	·04		·03					·07	7
8	·02	·01					·03					·06	8
9	·01			·08	·03		·06	·01		·01	·06		9
10	·16			·32			·17	·08	·11			·01	10
11	·80	·05	·03	·56			·04	·01				·07	11
12	·32			·21	·27							·44	12
13	·20		·01	·32			·01			·01	·01	·41	13
14	·14	·01		·01					·01	·19		·10	14
15		·05	·50	·13			·07		·08	·72	·06	·09	15
16		·03	·32	·16			·05				·03	·09	16
17				·03	·01		·43		·06	·01		·01	17
18					·06		·03	·04	·07			·02	18
19	·14	·04			·11	·03	·01	·01	·04				19
20	·01	·46		·09		·01		·09	·01		·01		20
21	·12	·03		·05		·07			·08		·01		21
22				·12			·15	·31	·10	·01			22
23	·03			·07			·04			·01			23
24			·06	·04			·17			·01	·01	·09	24
25	·01		·37	·02		·01	·01		·01			·01	25
26		·09	·08				·37						26
27		·03	·52	·02			·10			·01			27
28	·11		·02	·13	·83	·70					·32	·04	28
29	·69		·33		·01	·02					·03	·29	29
30	·07	×	·04		·81		·03				·03	·47	30
31	·04	×		×	·21	×			×		×	·06	31
TOTAL	·07 ~~2·95~~ 2·96	- ~~0·91~~ ·84	- 2·68	·01 ~~3·27~~ 3·28	·01 3·21	- ~~0·91~~ ·90	·01 ~~3·81~~ 3·82	- ~~1·07~~ 1·06	·31 ~~0·90~~ 1·21	- ~~2·96~~ 2·65	·09 ~~0·57~~ ·66	·17 ~~3·19~~ 3·27	YEAR'S TOTAL ~~26·43 ins~~ 26·54
Days with ·01 in. or more	18	~~14~~ 13	15	~~23~~ 24	16	~~9~~ 8	~~23~~ 24	~~11~~ 10	~~14~~ 15	~~15~~ 14	~~10~~ 11	22	190
Days with ·04 in. or more	12	~~6~~ 5	11	17	9	3	16	6	~~10~~ 11	~~7~~ 6	~~3~~ 4	17	117

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3508 DURHAM

PIECEBRIDGE CARLBURY HALL

1913 - 20

1924-28

FORM A. BRITISH RAINFALL.

2 JUL 1914

REG

Kept at Carlbury Hall ... (see cover) ... ebridge

in the County of Durham ... 5" in.

by John H. Pease ... round 1 ft. — in.

a Level between 230 + 235' ft.

IMPORTANT NOTE ... result entered to the previous day. If an Obse... universal rule, he is earnestly requested to add the readin... on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	[illegible]	—	·10	·22	—	—	—	—		·08	Oct 30. to Nov 4	—	1
2		·01	·16	·01	—	·01	—	—		—	·22	—	2
3		—	·02		·33	—	·32	—		·01		·02	3
4	9·50 AM ·23	—	·09		·01	·03	·01	—		9·30 AM ·05		·23	Some Snow 4
5	·50	·03		·01	—	9·20 AM ·27	·02	·28		·19	·01	—	5
6	·01	·15	·25		·27	·10	·27	trace —		·01	·07	—	6
7	trace —	·37	·02		·07	8·0 AM ·07	·01	—		1·48	—	—	7
8	·01	·01	—		9·20 AM ·84	—	—	—		1·45	·08	—	8
9	—	·10	—		·12	·06	—	—		—	·02	—	9
10	trace —	·01	·05		·15	—	—			·01	·20	—	10
11	·95	trace —	—		·07	·06	—			·01	·07	—	11
12	—	trace —	—	·84 Several inches of snow	—	·01	trace —			trace —	·02	—	12
13	—	trace —	—		—	—	—			·02	·03	—	13
14	9·20 AM Some Snow ·06	·06	·10		—	—	·03			·05	—	—	14
15	·15	·01	Snow ·21		—	—	—	August 10th		—	·10	—	15
16	·01	—		·01	—	—	—	to		—	·01	—	16
17	—	·01		·01	—	·01	trace —	September 29th 3·95		—	9·15 AM ·04	—	17
18	—	—		·21	—	·02	·01			—	·05	—	18
19	·15	—		·03	·02	—	—			·01	·34	—	19
20	·47	—		·05	—	—	—			·15		—	20
21	·06	—	1·05	·03	·06	—	trace —			—	—	—	21
22	·16	—		—	·01	—	—			·01	·01	—	22
23		—		·02	—	·19	trace —			—	·06	—	23
24	·13	—			—	·09	—			—	trace —	—	24
25	—	trace —		·01	—	—	—			·02	trace —	·01	25
26	—	—		1·03	—	—	—			·12	·09	·29	26
27	—	·02		·43		·06	—			·04	·01	·08	Chiefly Snow 27
28	·35	—	·29	·45	·16	—	—			·02	—	·09	28
29	·03		·43	·40	·06	—	—			·09	·01	·54	29
30	·22		·02	—	·37	·01	—		—	see Nov.	—	·01	30
31	·17		9·30 AM ·02		·01		—			see Nov.		—	31
Total	~~2·86~~ 3·86	·78	3·15	3·76	2·55	1·09	·67	4·23		3·78		1·27	YEAR'S TOTAL ~~24·84~~ see Jan 1-3 25·14
Rain Days.		11				14	7					8	

W.7,000, XI. 13

Note. Readings in Blue may not be strictly correct or are not in regular accordance with [illegible]. The reason is [illegible] in all cases

FORM A.
BRITISH RAINFALL.

2 JUL 1914

REGISTER OF RAINFALL IN 1913

Kept at Carlbury Hall Piercebridge

in the County of Durham

by John H Pease

~~W.~~ M.J.

Lat. 54° 32′ Long. 1° 35′

Time of Observation 9 A.M. (see over)

Nearest Railway Station Piercebridge

Diameter of Rain Gauge 5″ in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level between 230 & 235′ ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	[illegible]	—	·10	·22	—	—	—	—		·08	Oct 30. to Nov 4	—	1
2		·01	·16	·01	—	·01	—	—		—	·22	—	2
3		—	·02		·33	—	·32	—		·01		·02	3
4	9·50 AM ·23	—			·01	·03	·01	—		9·30 AM ·05		·23 Some snow	4
5	·50	·03	·09	·01	—	9·20 AM ·27	·02	·28		·19	·01	—	5
6	·01	·15	·25		·27	·10	·27	trace —		·01	·07	—	6
7	trace —	·37	·02		·07	8·0 AM ·07	·01	—		1·45	—	—	7
8	·01	·01	—		9·20 AM ·84	—	—	—		~~1·15~~	·08	—	8
9	—	·10	—		·12	·06	—	—		—	·02	—	9
10	trace —	·01	·05	Several inches of snow	·15	—	—			·01	·20	—	10
11	·95	trace —	—	·84	·07	·06	—		—	·01	·07	—	11
12	—	trace —	—		—	·01	trace —			trace —	·02	—	12
13	—	trace —	—		—	—	—			·02	·03	—	13
14	9·20 AM ·06 Some snow	·06	·10		—	—	·03			·05	—	—	14
15	·15	·01	Snow ·21		—	—	—	August 10th to September 29th 3·95		—	·10	—	15
16	·01	—		·01	—	—	—			—	·01	—	16
17	—	·01		·01	—	·01	trace —			—	9·15 AM ·04	—	17
18	—	—		·21	—	·02	·01			—	·05	—	18
19	·15	—		·03	·02	—	—			·01	·34	—	19
20	·47	—		·05	—	—	—			·15		—	20
21	·06	—	1·05	·03	·06	—	trace —			—	—	—	21
22	·10	—		—	·01	—	—			·01	·01	—	22
23		—		·02	—	·19	trace —			—	·06	—	23
24	·13	—			—	·09	—			—	trace —	—	24
25	—	trace —		·01	—	—	—			·02	trace —	·01	25
26	—	—		1·03	—	—	—			·12	·09	·29 chiefly snow	26
27	—	·02		·43	·16	·06	—			·04	·01	·08	27
28	·35	—	·29	·45		—	—			·02	—	·09	28
29	·03		·43	·40	·06	—	—			·09	·01	·54	29
30	·22		·02	—	·37	·01	—		—	see Nov.	—	·01	30
31	·17		9·30 AM ·02		·01		—			see Nov.		—	31
Total	~~[illegible]~~ 3·86	·78	3·15	3·76	2·55	1·09	·67	4·23		3·78		1·27	YEAR'S TOTAL ~~[illegible]~~ see Jan 1-3
Rain Days.		11				14	7					8	(25·14)

W.7,000, XI. 13

Note. Readings in Blue may not be strictly correct or are not in regular accordance with rules. The reason is indicated in all cases cmd 13.IV.15 ~~W~~ DL

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
7 - JAN 1915

Kept at Carlbury Hall. Piercebridge
in the County of Durham
by John H Pease

Lat. 54° 32′ Long. 1° 30′ 56″
Time of Observation 9·0 A.m.
Nearest Railway Station Piercebridge
Diameter of Rain Gauge 5″ in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	~~9·10~~ ·05	·01		—	—	·33	·07	trace	trace	·01	·29	1
2	·01	·01	—		—	—	·47	·57	·15	·01	·33	·20	2
3	—	·01	·02		·27	—	—	—		trace	·51	·49	3
4	·05	—	·01		·03	·01	—	—		—		·28	4
5	—	—	·05		·02	·02	·01	—		·01		·02	5
6	—	—	—		·02	—	—	·10		trace	·02	·11	6
7	—	·05	·18		·12	·22	·41	·06		—	·03	·03	7
8	·10	—	·09	Mch 18th to Apl 8 1·10	·09	9·25 ·57	·15	·04		·07	—	·06	8
9	·50	·03	·01	·16	—	1·94	trace	trace		trace	·13	·10	9
10	·09	·18	—	·01	—	—	—	—		—	9·10 ·08	·02	10
11	·01	·08	·13	—	·13	·16	—	—		—	·17	9·7 ·13	11
12	(S) ·02	·12	·02	—	·01	·01	—	—		—	·02	·35	12
13	·08	·06	·12	—	—	—	·01	—	·01	·01	·12	9·5 ·25	13
14	·08	·44	·01	—	—	—	·05	—	·01	·01	9·35 *(S) 20	·18	14
15	·03		9·50 ·14	—	—	—	·12	—	·06	trace	*(S) 51	·01	15
16	·10	—	·03	—	—	—	·74	—	·47	—	·01	—	16
17	·05	·06	·05	—	—	—	·08	—	·77	—	—	·08	17
18	(S) ·01	—		—	—	·20	trace	—	·07	trace	·06	—	18
19	—	·03		—	—	—	·04	—	·02	—		(S) ·08	19
20	—	·13		—	—	—	trace	—	trace	·01	—	—	20
21	—	·26		—	—	·59	—	—	—	·03	—	·04	21
22	—	·01		—	9·10 ·33	·04	—	·15	—		·02	·13	22
23	—	·01		—	·19	·02	—	·07	—	—	·03	·07	23
24	·01			·08	trace	—	—		—	trace	·11	·01	24
25	·01	·01		—	—	—	—	·09	—	·48	·0.2	·25	25
26	—	~~0~~		—	—	—	·09	·01	—	·18	·05	·36	26
27	·01	—		—	—	—	trace	—	—	·04	·14	·27	27
28		·01		—	9·10 ·01	—	—	·05	—	·01	·02	·02	28
29	·01			—	·03	—	—	·35	—	9·5 ·62	·13	—	29
30	·02			·03	trace	—	—	·15	—	9·12 ·08	·11	·41	30
31	·25				·01		·26	·04		·31		·01	31
Total	1·44	1·55		Two months 2·25	1·26	3·78	2·76	1·75	1·56	1·87	2·8~~9~~3 2·83	4·25	YEAR'S TOTAL 25·~~29~~30 25·30
Rain Days.					13	11	13					27	

W. 8,000. X. 14.

For Notes & Explanations P.T.O

Figures in Red give time of observation where rain falling at time

Records in Blue are totals since previous record

*. The record for Nov 14 may be a little low as the gauge mouth was full of snow + ice
* which was not completely thawed as snow was falling at time but any shortage would become an excess reading for Nov. 15.

At 3 P.m. on 15th when snow ceased to fall there were 5" of snow on lawn though thaw set in on ground earlier. Practically no snow remained on the morning of 16th

(S) Indicates snow

new Gauge site ✓

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.

7 JAN 1916

Kept at Carlbury Hall Piercebridge

in the County of Durham

by John H Pease

Lat. 54°32′12″ Long. 1°40′4″ W

Time of Observation 9 Am

Nearest Railway Station Piercebridge

Diameter of Funnel of Rain Gauge 5″ in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 222 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·34

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1					·02	—	·67	·20	·05	—	·09	·11	1
2					—	·02	·02	·31		—	·02	·01	2
3					—	—	·29	·01		—	·23	·55	3
4					·03	·01	trace	·55		—	trace	·73	4
5					·02	—		trace		·01	·04	·69	5
6					·04	—	·96	·06		—	trace	·05	6
7					trace	—		·17		—	—	—	7
8						—		·02		—	·12	trace	8
9						—	trace	trace		trace	·02	·66	9
10						—	—	·11		trace	—	·10	10
11					·86	—	—	·01		—	·07	·03	11
12						—	·07	·03		·09	·70	—	12
13						—	·01	·73	·24	trace	trace	·01	13
14						—	trace	·22		—	—	·02	14
15						—	·17	1·15		trace	·08	·11	15
16					·01	—	·85	·11		·22	—	trace	16
17					—	—	trace	trace		trace	trace	·10	17
18					—	—	—	—		·11	·06	·10	18
19					trace	—	·05	—		·13	—	trace	19
20					·29	—	—	—		·01	—	·39	20
21					·06	—	·02	—		trace	—	·07	21
22					—	—	·06	—		trace	—	·14	22
23					—	—	·08	—		·01	—	·03	23
24					—	—	trace	—	·33	·10	—	·27	24
25					—	·04	·01	—	·02	·07	trace	·02	25
26					—	·10	·26	—	trace	trace	·02	·31	26
27					—	—		—	—	·26	—	·43	27
28					·24	—	trace	·43	—	·03	—	·03	28
29					·21	·04	—	trace	·02	·01	·18	·69	29
30					trace	—	·05	—	—	trace	·01	·01	30
31					—		trace	·49		·03		·23	31
Total		(6·92)			1·78	·21	3·57	4·60	·66	1·08	1·64	5·89	YEAR'S TOTAL (26·35)
Rain Days.		Estimated from old gauge				5		16		13	13		

W. 8,000. X. 15.

Old Gauge Site

3720

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.
7 JAN 1916

Kept at Carlbury Hall. Piercebridge
in the County of Durham
by John H Pease

Lat. 54° 32′ 12″ N. Long. 1° 40′ 4″ W
Time of Observation 9.0 AM.
Nearest Railway Station Piercebridge
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 235 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
·35

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·34	·06	·01	—	·02	—	·72	·19	·28	—	·09	·11	1
2	·01	·17	·15	·11	—	·02	·03	·34		—	·02	trace	2
3	·50	·02	·01	·14	—	—	·30	·01		—	·24	·53	3
4	·12	·05	trace	·01	·03	·01	trace	·49		—	·01	·72	4
5	·06	·15	trace	—	·02	—	1·06	trace		·02	·04	·69	5
6	·08	·39	·05	·05	·04	—		·05		—	trace	·06	6
7	·21	·45	·05	·01	·87	—		·17		—	—	—	7
8		·10	·05	·01		—		·02		—	·12	trace	8
9	·01	·02	trace	·47		—	·01	trace		·01	·02	·79	9
10	·06	·01	·10			—	—	·10		trace	—		10
11	·01	·12				—	—	·01		—	·08	·03	11
12	·11	·02	trace			—	·08	·03		·09	·69	—	12
13	·01	·26	—			—	·01	·79		trace	trace	·04	13
14	·01	·13	—			—	·01	·21		—	—		14
15	·21	·29	—			—	·17	1·22		trace	·08	·12	15
16	trace	~~·20~~	—		·01	—	·88	·11		·21	—	trace	16
17	—	·20 ~~·47~~	trace		—	—	·01	trace		trace	trace	·10	17
18	—	·17 ~~·05~~	·18		—	—	—	—		·11	·06	·11	18
19	—	·05 ~~·11~~	·06		trace	—	·05	—		·14	—	trace	19
20	trace	— ~~trace~~	·01		·29	—	trace	—		·01		·40	20
21	·13	trace ~~·11~~	—		·06	—	·02	—		trace		·07	21
22	·03	— ~~·12~~	·01		—	—	·06	—		trace	trace	·14	22
23	·05	·12 ~~·11~~	·01		—	—	·02	—		·01	—	·31	23
24	trace	—	·16		—	—	trace	—	·33	·10	—		24
25	—	— ~~·08~~	trace		—	·04	—	—	·02	·08	trace	·79	25
26	trace	·08 ~~·21~~	·02		—	·09	·27	—	trace	trace	·21		26
27	—	·21	·01		—	—		—	—	·26			27
28	trace	·06	·05		·24	—	trace	·45	—	·04		·03	28
29	trace		·01		·21	·04	—	·01	·02	·01		·68	29
30	·10	✕	—		trace	—	·04	—	—	·01	·01	·01	30
31	·07	✕	—	✕	—	✕	trace	·50	✕	·03	✕	·23	31
Total	2·12	3·13	·94	·80	1·79	·20	3·74	4·70	·65	1·13	1·67	5·96	YEAR'S TOTAL 26·83
Rain Days.						5		17		15			

✓ ~~W~~ DP cnd for auth 3654

REGISTER OF RAINFALL IN 1916

FORM A. BRITISH RAINFALL.

5 JAN 1917

Kept at Carlbury Hall Piercebridge

in the County of Durham

by John H Pease

Lat. 54° 32′ Long. 1° 40′ W

Time of Observation 9 AM

Nearest Railway Station Piercebridge

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 223 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·34	—	·15	—	—	·07	·18	—	—	—	·09	—	1
2	·02	·04	·07	—	—	·02	trace	—	·22	·11 x	·01	·02	2
3	trace	·11	·07	·10	—	·02	·22	·02	1·19	·08	·30	—	3
4	·05	·09	·02	·02	·60	·15	·16	—		·16	·26	—	4
5	·02	·12	·08	—	·36	·12	trace	—		·32	·28	—	5
6	·03	·18	snow ·24	·04	·50	·01	·04	—		·01	·20	·01	6
7	trace	·01	snow ·20	·02	·32	·19	8·7 GMT ·35	—		·04	·03	·23	7
8	—	·01	snow ·25	—	·22		trace	trace		trace	trace	trace	8
9	—	—	snow ·07	—	·11	·22	—	—		—	·02	·26	9
10	·02	·03	snow ·11	—	·01	·08	·01	—		·13	·01	10·5 GMT snowing ·24*	10
11	trace	·29	·20	·02	·01	·07	·41	—			—	·68	11
12	·01	·01	·50	·02	·65	·02		trace		trace	—		12
13	—	·06	·31	·02	·04	—	·14	·44		·26	·02	·04	13
14	—	·23	·02	·07	·04	·02	trace	8·50 GMT ·19		·11	·02	·15	14
15	—	·18	·63	trace	—	—	·08	·34		—	—	—	15
16	—	·12	·21	·12	trace	—	·11	·01		—	—	·11	16
17	·03	·01	trace	·07	·05	—	·01	—		·09	·03	·01	17
18	trace	·23	·01	·11	trace	—	·02	6·40 GMT ·25*		·06	·42	snow ·10	18
19	·08	trace	·13	·24	—	trace	trace	·03		trace	·53	snow ·04*	19
20	·12	—	·24	·07	—	·01	·42	·02		trace	·10	·08	20
21	·05	·01	·11	·09	trace	—	·01	·02		—	—		21
22	·01	·07	·09	·02	—	·03	trace	—	·02	·09	·01	trace	22
23	·01	·04		·05	—	trace	—	—	trace	·04	·02	·21	23
24	—		·01	trace	—	·15	trace	·25	—	·01	·01	·01	24
25	—	snow ·11	snow ·15	—	·13	·01	—	·48	—	·30	·02	·02	25
26	·04	·15	·11	—	trace	·06	—	trace	—	·01	—	trace	26
27	trace	·29	·01	—	—	trace	·15	·02	·01	·46	—	—	27
28	—	·15	·01	trace	·60	—	trace	trace	·02	·10	trace	·19	28
29	—	·35	—	trace	trace	—	trace	—	trace	·11	trace	·01	29
30	trace	✕	—	—	·12	—	·03	·01	·01	·39	—	·01	30
31	trace	✕	—	✕	trace	✕	trace	—	✕	·13	✕	trace	31
Total	·83	~~2·79~~ 2·89	4·00	1·08	3·76	1·25	2·34	2·08	1·47	3·01	2·38	2·42	YEAR'S TOTAL ~~27·41~~ ~~27·51~~
Rain Days.	14	24 or 25	26 or 27	16	15	18	16 or 17	13		21 or 22	19	19 to 21	...
Seathwaite gauge monthly	·80	2·82	3·93	1·01	3·76	1·18	2·35	2·07	1·44	2·97	2·31	2·42	~~26·66~~ 27·06

W. 8,000. VIII. 16

3502

FORM A.
BRITISH ... 1 JAN 1918

REGISTER OF RAINFALL IN 1917

Kept at Carlbury Hall
in the County of Durham
by John H Pease

Lat. 52 · 32 Long. 1 - 40 W
Time of Observation 9 AM
Nearest Railway Station Piercebridge
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 223 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	trace	·02	—	—	—	·08	—	·20	·39	—	·16	·09	1
2	·06	—	—	s ·25	—	·14	—	·11	·04	—	·01	—	2
3	trace	—	—	s ·11	—	·01	·02	trace	·01	·04	·02	—	3
4	—	—	s ·10	trace	—	—	—	·05	—	trace	·01	—	4
5	·13	—	s/2 ·11	s ·18	—	—	—	·01	—	·08	·03	·02	5
6	trace	—	trace	trace	—	·12	—	trace	—	·26	·01	trace	6
7	s ·70	s ·01	s ·04	—	—	·16	—	·07	—	·05	trace	·10	7
8	·28	—	s ·03	s/2 ·09	—	—	—	1·19	—	·29	·07	s ·11	8
9	s ·10	—	s ·02	s trace	—	—	—	·72	—	·03	·09	s/2 ·05	9
10	—	—	·83	s ·23	·09	—	—	·11	—	·11	·02	—	10
11	·03	·05	trace	s ·07	·07	—	—	·02	—	·04	·01	—	11
12	·01	s ·02	trace		·16	—	—	trace	—	·24	—	·07	12
13	s ·40	·02	trace	·01	trace	·12	—	·54	·07	·03	—	trace	13
14	s ·39		trace	·20	·36	—	—	·70	—	trace	—	·03	14
15	s ·08	trace		·02	·09	—	·02	·05	—	trace	trace	·16	15
16	s ·07	—	—	·15	·05	·17	—	·02	—	trace	trace	s ·53	16
17	s/2 ·06	·06	trace	s/2 ·17		·06	trace	·37	·03	·01	—	s ·29	17
18	s ·01	trace	—	·02	·22	—	·15	·16	—	—	trace	·01	18
19	s/2 ·12	·16	·20	—	·16	·07	—	trace	—	—	trace	—	19
20	·11	·36	s/2 ·07	·02	trace	·25	—	·07	·08	—	·05	·19	20
21		·13	s ·02	·02	—	trace	—	·07	—	trace	—	trace	21
22		trace	s ·14	trace	—	·10	—	·03	—	·01	trace	—	22
23	s ·01	·01	trace	—	·13	trace	—	·12	·01	·02	·05	—	23
24	s ·01	·02	trace	—	trace	·04	·03	·01	—	·28	·21	trace	24
25	—	·01	·05	—	—	·05	·02	·05	·12	·06	trace	s trace	25
26	s trace	—	s ·07	—	—	·31	—	·55	·08	s/2 ·10	·01	—	26
27	s trace	—	·20	—	—	·14	·59	·68	trace	·01	trace	·05	27
28	s ·03	—	·10	—	—	—	·03	·23	—	·02	trace	·07	28
29	s ·02		s ·06	—	—	—	·10	trace	—	·29	trace	trace	29
30	s ·02		·02	·02	—	—	trace	·01	—	·03	·01	·07	30
31	s ·14		·18		—		trace	·09		trace		·17	31
Total	2·78	·87	2·24	1·56	1·33	1·82	·96	6·23	·83	2·00	·76	2·01	YEAR'S TOTAL 23·39
Rain Days.	(~~21/23~~) 22	(12/13)	17	(14/16)	(9/10)	15	8	26	9	20	15	16	(~~183 to 188~~) 185
Seathwaite Monthly	3·01	·86	2·31	1·54	1·32	1·78	·93	>6·10	·81	1·96	2·83		23·45

W. 8,000, IX. 17.

S = days when precipitation as snow } was observed. NB Snow may have fallen on other days.
s/2 = " " partly as snow

4

REGISTER OF RAINFALL ~~IN~~ 1918

FORM A. BRITISH RAINFALL.

87 2 : 10

Kept at Carlbury Hall Piercebridge
in the County of Durham
by John H Pease

Lat. 54° 32′ Long. 1° 40′ W
Time of Observation 9 A.m.
Nearest Railway Station Piercebridge
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 222 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	mm	m.m.	mm	mm	mm	mm	
1	·2	·6	(S) 5·4	trace	·4	—	—	—	·9	3·9	8·7	·2	1
2	·5	·5	(S) trace	5·2	—	—	—	—	5·2	·2	trace	6·2	2
3	—	·1	·9	trace	1·9	—	—	trace	trace	·7	1·0	trace	3
4	1·0	·3	·7	—	5·8	—	trace	11·0	1·1	1·9	7·0	1·1	4
5	—	·3	1·3	·4	11·2	—	·6	36·8	—	2·2	1·5	·3	5
6	·1	5·3	trace	6·4	·3	7·1	—	·4	—	5·7	trace	1·5	6
7	3·1	·1	—	5·5	trace	—	·4	—	6·2	3·8	7·7	trace	7
8	—	·6	(S) 6·4	trace	—	—	4·2	·3	3·1	·5	·8	trace	8
9	·1	9·6	trace	3·1	—	trace	·1	—	10·4	2·0	trace	·6	9
10	1·2	2·6	·6	·8	—	—	5·9	—	2·5	trace	·1	trace	10
11	6·1	·7	trace	·1	5·9	—	·8	·8	trace	—	—	·7	11
12	trace	4·6	—	trace	2·0	—	5·1	—	4·1	·1	—	·1	12
13	—	·1	—	1·9	4·6	—	—	—	[4·6]	3·2	—	trace	13
14	4·2	—	—	·8	trace	2·6	1·9	—	[10·0]	trace	trace	·6	14
15	—	—	—	·4	—	·2	18·7	—	[32·1]	trace	—	21·6	15
16	trace	—	·7	—	—	—	2·9	1·2	50·4	·2	—	4·0	16
17	6·2	—	trace	—	·7	trace	? 11·5	trace		4·5	—	[4·3]	17
18	19·7	—	·2	—	—	~~—~~ ·1	? 4·0	—		3·1	—	[·5]	18
19	7·3	trace	1·5	2·8	—	—	12·3	3·5		7·1	—	[·2]	19
20	3·3	10·1	—	4·0	—	·9	19·4	—		·2	—	—	20
21	7·3	1·1	—	trace	—	·6	trace	—		1·3	—	trace	21
22	·8	trace	—	trace	trace	·5	·7	—		trace	trace	(S) 10·1	22
23	2·2	·2	—	trace	8·2	—	12·0	—		—	·1	·6	23
24	·1	·1	trace	—	trace	—	3·4	·3		—	·7	trace	24
25	·1	—	—	—	3·7	trace	·9	7·5		—	trace	trace	25
26	—	—	—	—	trace	—	2·3	1·5		—	·5	trace	26
27	trace	1·1	1·4	—	—	·3	·1	9·0		—	1·9	1·4	27
28	—	(S) 2·5	2·6	—	—	—	—	trace		—	·5	12·4	28
29	—		trace	—	—	—	—	—		—	trace	4·0	29
30	—		·7	·8	—	—	—	—	trace	·4	·7	13·1	30
31	—		3·8		—		—	·2		trace		1·0	31
Total	63·5	40·5	25·4	32·2	44·7	12·3	107·2	72·5	130·6	41·0	31·2	84·3	YEAR'S TOTAL 685·4
Rain Days.	~~18~~ 14	~~19~~ 15	13	~~15~~ 12	11	~~8~~ 7	~~20~~ 18	12	(27)	~~18~~ 17	~~13~~ 11	~~21~~ 28	(172) ✓

W, 6,500, VII. 18. W W C

For Explanation PTO

Form A. 2. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Carlbury Hall Piercebridge
in the County of Durham
by John H Pease

Lat. 54° 32' N Long. 1° 40' W
Time of Observation 9 A.m. G.M.T.
Nearest Railway Station Piercebridge
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 222 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	3·0	(13·0)	·2	—	3·3	—	19·7	—	? 9·4	·7	2·4	·8	1
2	1·9		·2	—	—	—	11·2	—	·1	—	3·2	trace	2
3	12·0	Total from Jan. 26 12·8	—	·1	4·2	2·8	1·8	1·4	—	—	4·8	3·4	3
4	3·6	3·2	11·4	—	·2	trace	·5		·2	—	3·7		4
5	·5	1·3	trace	—	4·3	—	—	—	?	—	2·4	1·2	5
6	·7	trace	4·1	—	2·0	—	—	—	?	·4	1·5	·1	6
7	·6	—	4·1	1·4	1·5	—	—	—	? 4·7	—	·4	trace	7
8	11·1 3·4	—	trace	1·1	3·4	—	—	·3	?	·5	11·9	·9	8
9	(4·4)	—	·5	·1 ·9	·1	·3	—	—	?	[illegible]	4·1	trace	9
10	(2·0)	—	·9	·8	2·1	—	—	—	?	·6 6·8	3·4		10
11	·2	—	14·2	trace	3·1	·2	1·0	—	·8	·7	3·0 35·2		11
12	·3	—	6·8 7·3	1·4	trace	·2	·9	—	·8 Total from Aug. 8. 78·9	3·9	·2	24·0	12
13	1·2	—	·5	2·7	—	—	2·0	3·5	·1	1·4	·4		13
14	3·8	trace	trace	5·8	—	—	—	—	—	trace	?		14
15	4·7	8·1	·1	3·6	—	—	—	1·1	—	·1	(9·8) ·3		15
16	·3	5·6	·6	1·5	·4	—	—	—	—	—	?	trace	16
17	—	1·4	—	1·8	—	—	—	·2	—	—	?	trace	17
18	—	trace	1·4 14·3	trace	1·2	—	·4	? 11·3	trace	—	trace	1·6	18
19	·7	3·4	9·2	·1	—	·1	·4	? 2·5	·3	—	2·2	·8	19
20	4·8	6·4	—	—	—	·4	4·5	·3	—	—	1·1	1·6	20
21	2·3	3·5	·5	—	—	3·8	—	·3	·1	trace	trace	·8	21
22	—	3·6	? 2·5	—	—	·1	—	trace	trace	trace	1·8		22
23	·2	trace	1·6	2·0	—	—	—	—	—	20·5			23
24	·5	trace	·4	·3	·5	4·4	—	—	—	11·8	3·0		24
25	1·3	1·3	—	·7	trace	2·7	—	13·4	trace	trace	2·5		25
26	—	2·8	1·6	·7	—	·2	—	1·9	·3	2·5 9·7	6·1	30·0	26
27	1·3	·1	—	7·2	—	trace	—	? 2·2	trace	7·2	5·3		27
28	·7	—	—	3·5	—	—	—	? 19·8	·3	13·2	trace		28
29	5·5	╳	—	trace	trace	—	—	—	—	35·0	trace		29
30	—	╳	·7	1·2	—	7·3	—	—	—	6·6	4·4		30
31	2·3	╳	·5	╳	—	╳	3·2	? 1·2	╳	5·0	╳		31
	62·2	43·7						65·4	16·0				YEAR'S TOTAL
TOTAL	105·9		62·0	34·8	26·3	22·3	45·6	81·4		109·8	78·1	65·2	631·4
Days with 0·2 mm. or more	25/26	12/14	20	16	12	10	11	14	7/13	14	22/26	10/25	~~173~~/201

(44,284). Wt.21,958—218. 500. 10/19. Gp.132. A.&E.W.

P.T.O.

3210

FORM A. 2. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920

Kept at Carlbury Hall, Piercebridge
in the County of Durham
by John H Pease

Lat. 54°-32' N. Long. 1°-40' W.
Time of Observation 9 GMT
Nearest Railway Station Piercebridge
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 222 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	–	trace	2.8	6.9	20.3	–	4.4	–	?	4.4	trace	trace	1
2	·1	trace	·9	4.2	·9	–	·5	–	4.4	·4	trace	9.0	2
3	·8	·5	·1	4.6	trace	1.2	17.6	1.5	3.5	10.0	–	4.4	3
4			–	·5	1.1	–	7.5	11.1	1.0	18.3	–	5.2	4
5	trace	trace	·2	trace	1.1	–	4.9	·5 x	trace	·9	·1	1.2	5
6	–		2.2	·5	·6	–	1.3	– x	–	trace	·2	·8	6
7	2.3		·4	·3	trace	–	8.2	– x	–	–	–	–	7
8	·3		–	4.6	1.2	–	5.8	trace x	– x	·1	7.1	·1	8
9			·1	8.7	–	–	3.3	1.7 x	trace x	·4	·1	·1	9
10	35.6			11.5	–	–	1.5	6.6 x	·1 x	trace	–	·1	10
11		4.9	1.7	3.8	6.4	–	trace		trace	–	–	7.3	11
12	3.9			6.1	trace	4.1	·7		–	·1	·9	7.9	12
13			·7	1.1	·1	·1	trace		–	–	·4	1.5	13
14			7.0	4.8	–	–	1.6		·9	11.6	4.9	·7	14
15			1.0	2.5	–	–	2.8	1.4 x	–	·1	2.2	·9	15
16			trace	·3	·6	–	9.9		3.9	–	trace	–	16
17			–	–	1.5	–	·1		2.4	·1	–	–	17
18	10.7	7.3	–	·4		5.2	4.9		·1	–	–	trace	18
19			–	4.0	4.9	1.0	·1		–	–	trace	trace	19
20		·3	–	6.6		trace	–		·4	–	·1	trace	20
21		–	–			–	4.5	5.4 x	3.6	–	–	1.5	21
22		–	–	4.7	trace	–	1.4 x		trace	·1	–	–	22
23		·1	trace		–	–	5.6 x		–	trace	trace	3.4	23
24		–	19.0	·1	–	–	3.1 x		·1	–	trace	·5	24
25	trace	3.0	3.4	trace	–	trace	14.2 x		–	trace	trace	trace	25
26		–	14.2	·6	–	–	1.8 x		–	trace	trace	–	26
27	17.2	trace	10.0	1.2	10.7	8.1	1.0 x	·6 x	–	trace	4.6	·3	27
28		trace		2.7	–	·6	·1		–	–	1.2	4.4	28
29	5.3	trace	(1.3)	–	27.5	·3	·1		–	–	·8	14.7	29
30	3.2		1.2	·7	·4	·8	–		2.1	–	2.8	4.6	30
31			1.0		1.2		1.2			1.7		2.5	31
TOTAL	79.4	16.1	67.2	81.4	78.5	21.2	108.1	28.8	22.5	48.2	25.4	71.1	YEAR'S TOTAL 647.9
								51·3					
Days with 0·2 mm. or more			17 >15	24 >22	15 >12	8	23		≮ 9	8	10	18	
Days with 1·0 mm. or more			≮ 12	≮ 16	≮ 10	5	21		7	5	6	13	

P.T.O.

(44,284). 10/19. (52,639). Wt.10,000—359. 1000. 7/20. Gp.132. A.&E.W.

Smade

FORM A.
BRITISH RAINFALL.

10 JAN 1913

ROWLANDS GILL

CHOPWELL WOOD ~~FORESTRY STN~~

DURHAM

1912-16, 1919 - 1920

Kept at Armstron 47h

n.

in the County of olands Gill

3 in.

by J. F. Annand round 1 ft. — in.

ea Level 446 ft.

IMPORTANT e result entered to the previous day. If sal rule, he is earnestly requested to add th in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0·00	0·20	0·12	0·00	0·02	0·38	0·67	0·50	0·08	0·52	0·00	0·00	1
2	0·00	0·14	0·09	0·00	0·07	0·49	0·30	0·30	0·03	0·12	0·07	0·00	2
3	0·09	0·11	0·00	0·00	0·00	0·81	0·06	0·72	0·30	0·03	0·00	0·28	3
4	0·08	0·00	0·23	0·01	0·01	0·49	0·00	0·54	0·00	0·00	0·02	0·01	4
5	0·00	0·00	0·00	0·00	0·16	0·21	0·00	0·00	0·00	0·00	0·02	0·00	5
6	0·40	0·20	0·00	0·00	0·05	0·02	0·00	0·07	0·00	0·00	0·00	0·00	6
7	0·00	0·04	·23 0·23	0·00	0·11	0·00	0·03	1·09	0·54	0·00	0·05	0·03	7
8	0·40	0·07	0·05	0·01	0·00	0·04	0·00	0·00	0·08	0·00	0·01	0·00	8
9	0·04	0·02	0·05	0·05	0·00	0·14	0·00	0·00	0·00	0·00	0·02	0·00	9
10	0·03	0·02	0·03	0·06	0·02	0·09	0·00	0·24	0·00	0·00	0·02	0·04	10
11	0·00	0·39	0·00	0·00	0·00	0·00	0·00	0·06	0·05	0·00	0·31	0·03	11
12	0·04	0·49	0·00	0·00	0·00	0·28	0·53	0·00	0·01	0·00	0·44	0·08	12
13	0·00	0·04	0·00	0·00	0·00	0·21	0·00	0·01	0·00	0·04	0·18	0·11	13
14	0·04	0·00	0·01	0·00	0·00	0·08	0·00	0·03	0·00	0·00	0·00	0·11	14
15	0·11	0·09	0·13	0·00	0·62	0·15	0·00	0·01	0·00	0·00	0·00	0·52	15
16	0·64	0·00	0·03	0·00	0·06	0·00	0·05	0·01	0·00	0·03	0·00	0·01	16
17	0·09	0·15	0·26	0·00	0·00	0·19	0·02	0·30	0·00	0·00	0·00	0·03	17
18	0·12	0·29	0·00	0·00	0·00	0·00	0·13	0·00	0·00	0·01	0·01	0·00	18
19	0·05	0·60	0·01	0·00	0·04	0·00	0·27	0·16	0·00	0·00	0·00	0·00	19
20	0·09	0·11	0·01	0·00	0·88	0·07	0·55	0·30	0·00	0·12	0·00	0·00	20
21	0·52	0·01	0·31	0·00	0·43	0·08	0·00	0·00	0·00	0·02	0·00	0·02	21
22	0·00	0·02	0·06	0·00	0·09	0·17	0·00	0·12	0·00	0·00	0·00	0·00	22
23	0·21	0·01	0·07	0·00	0·00	0·90	0·10	0·79	0·00	0·32	0·02	0·00	23
24	0·69	0·00	0·00	0·00	0·00	0·00	0·16	0·08	0·00	0·03	0·07	0·18	24
25	0·48	0·00	0·00	0·00	0·00	0·50	0·15	0·17	0·00	0·00	0·20	0·00	25
26	0·07	0·17	0·01	0·00	0·00	0·07	0·00	0·09	0·00	0·79	0·12	0·52	26
27	0·02	0·00	0·04	0·01	0·00	0·26	0·37	0·00	0·00	·20 0·29	0·03	0·11	27
28	0·00	0·03	0·00	0·00	0·21	0·04	0·38	0·30	0·00	0·10	0·04	0·00	28
29	0·00	0·01	0·50	0·02	0·00	0·15	0·05	0·03	0·45	0·06	0·00	0·03	29
30	0·06		0·04	0·03	0·01	0·06	0·01	0·02	1·00	0·77	0·00	0·00	30
31	0·02		·36 0·36		0·05		0·83	0·21		0·01	..	0·00	31
Total	4·11	3·21	2·52 2·64	0·19	2·83	4·98	4·66	6·23	2·74	2·57	1·63	2·06	YEAR'S TOTAL 37·85 37·65
Rain Days.	22	22	21	7	16	23	18	24	9	16	17	16	211

4

W. 7,500, XI. ·12

S. made

FORM A.
BRITISH RAINFALL.

10 JAN 1913

Kept at Armstrong College Forestry Station

in the County of Durham. 3

by J. F. Annand & J. McLaren.

Lat. 54° 55′ N Long. 1° 47′ W.
Time of Observation 9 a.m.
Nearest Railway Station Rowlands Gill
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " " Sea Level 446 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0·00	0·20	0·12	0·00	0·02	0·38	0·67	0·50	0·08	0·52	0·00	0·00	1
2	0·00	0·14	0·09	0·00	0·07	0·49	0·30	0·30	0·03	0·12	0·07	0·00	2
3	0·09	0·11	0·00	0·00	0·00	0·81	0·06	0·72	0·30	0·03	0·00	0·28	3
4	0·08	0·00	0·23	0·01	0·01	0·49	0·00	0·54	0·00	0·00	0·02	0·01	4
5	0·00	0·00	0·00	0·00	0·66	0·21	0·00	0·00	0·00	0·00	0·02	0·00	5
6	0·40	0·20	0·00	0·00	0·05	0·02	0·00	0·07	0·00	0·00	0·00	0·00	6
7	0·00	0·04	23 0·23	0·00	0·11	0·00	0·03	1·09	0·54	0·00	0·05	0·03	7
8	0·40	0·07	0·05	0·01	0·00	0·04	0·00	0·00	0·08	0·00	0·01	0·00	8
9	0·04	0·02	0·05	0·05	0·00	0·14	0·00	0·00	0·00	0·00	0·02	0·00	9
10	0·03	0·02	0·03	0·06	0·02	0·09	0·00	0·24	0·00	0·00	0·02	0·04	10
11	0·00	0·39	0·00	0·00	0·00	0·00	0·00	0·06	0·05	0·00	0·31	0·03	11
12	0·04	0·49	0·00	0·00	0·00	0·28	0·53	0·00	0·01	0·00	0·44	0·08	12
13	0·00	0·04	0·00	0·00	0·00	0·21	0·00	0·01	0·00	0·04	0·18	0·11	13
14	0·04	0·00	0·01	0·00	0·00	0·08	0·00	0·03	0·00	0·00	0·00	0·11	14
15	0·11	0·09	0·13	0·00	0·62	0·15	0·00	0·01	0·00	0·00	0·00	0·52	15
16	0·64	0·00	0·03	0·00	0·06	0·00	0·05	0·01	0·00	0·03	0·00	0·01	16
17	0·09	0·15	0·26	0·00	0·00	0·19	0·02	0·30	0·00	0·00	0·00	0·03	17
18	0·12	0·29	0·00	0·00	0·00	0·00	0·13	0·00	0·00	0·01	0·01	0·00	18
19	0·05	0·60	0·01	0·00	0·04	0·00	0·27	0·16	0·00	0·00	0·00	0·00	19
20	0·09	0·11	0·01	0·00	0·88	0·07	0·55	0·30	0·00	0·12	0·00	0·00	20
21	0·52	0·01	0·31	0·00	0·43	0·08	0·00	0·00	0·00	0·02	0·00	0·02	21
22	0·00	0·02	0·06	0·00	0·09	0·17	0·00	0·12	0·00	0·00	0·00	0·00	22
23	0·21	0·01	0·07	0·00	0·00	0·00	0·10	0·79	0·00	0·32	0·02	0·00	23
24	0·69	0·00	0·00	0·00	0·00	0·00	0·16	0·08	0·00	0·03	0·07	0·18	24
25	0·48	0·00	0·00	0·00	0·00	0·50	0·15	0·17	0·00	0·00	0·20	0·00	25
26	0·07	0·17	0·01	0·00	0·00	0·07	0·00	0·09	0·00	0·79	0·12	0·52	26
27	0·02	0·00	0·04	0·01	0·00	0·26	0·37	0·00	0·00	·20 0·29	0·03	0·11	27
28	0·00	0·03	0·00	0·00	0·21	0·04	0·38	0·30	0·00	0·10	0·04	0·00	28
29	0·00	0·01	0·50	0·02	0·00	0·15	0·05	0·03	0·45	0·06	0·00	0·03	29
30	0·06		0·04	0·03	0·01	0·06	0·01	0·02	1·00	0·77	0·00	0·00	30
31	0·02		·36 0·36		0·05		0·83	0·21		0·01	..	0·00	31
Total	4·11	3·21	2·52 2·64	0·19	2·83	4·98	4·66	6·23	2·5 2·74	2·56 7	1·63	2·06	YEAR'S TOTAL 37·55 37·65
Rain Days.	22	22	21	7	16	23	18	24	9	16	17	16	211

W. 7,500, XI. 12

FORM A. BRITISH RAINFALL.

15 JAN 1914

REGISTER OF RAINFALL ~~IN~~ 1913

Kept at Chopwell Wood

in the County of Durham

by J. T. Dunn M.Sc, & James McLaren for Armstrong College

Lat. 54° 55N Long. 1·47' W.

Time of Observation 9 a.m.

Nearest Railway Station Lintz Green

Diameter of Rain Gauge 12 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 446 — ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.0	0.08	0.03	0.12	trace	0.0	0.0	0.0	0.03	0.11	0.04	0.01	1
2	0.0	trace	0.05	trace	0.01	trace	0.02	0.0	0.03	0.14	0.03	0.01	2
3	0.02	0.03	0.03	0.0	0.23	0.0	0.42	0.0	trace	0.04	0.0	0.0	3
4	0.26	0.01	0.01	0.0	0.01	0.13	0.03	0.0	0.04	0.14	0.02	0.05	4
5	0.68	0.01	0.05	0.0	trace	0.15	0.20	0.05	0.01	0.15	0.0	0.0	5
6	trace	0.11	0.50	trace	0.55	0.13	0.31	0.02	0.0	0.0	0.09	trace	6
7	0.0	0.21	0.03	0.05	0.04	0.02	0.02	0.0	0.0	0.0	trace	trace	7
8	trace	0.0	trace	0.0	0.91	0.02	0.0	0.0	0.05	0.25	0.11	0.02	8
9	0.0	0.10	0.02	0.15	0.21	0.11	0.0	0.07	0.0	0.01	0.03	trace	9
10	0.0	0.01	0.11	0.01	0.06	0.0	0.02	0.0	0.0	0.06	0.10	0.0	10
11	1.26	trace	0.01	0.35	trace	0.05	0.0	0.0	0.0	0.01	0.08	0.0	11
12	0.23	trace	0.0	trace	0.01	trace	trace	0.05	0.73	0.0	0.11	0.0	12
13	trace	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.27	trace	0.03	0.0	13
14	0.05	0.10	0.11	0.02	0.0	0.0	0.04	0.0	0.0	0.03	0.08	0.01	14
15	0.08	0.01	0.39	0.05	0.0	0.0	trace	0.0	0.39	0.0	0.14	0.02	15
16	trace	0.0	0.0	0.03	trace	0.0	0.02	0.01	0.02	0.0	0.02	0.0	16
17	trace	0.01	0.11	0.01	"	0.0	0.01	trace	0.0	0.0	trace	0.0	17
18	0.03	trace	0.46	0.12	0.03	0.34	0.0	0.0	0.0	0.0	0.09	0.0	18
19	0.18	trace	0.02	0.03	0.04	trace	trace	0.0	0.87	0.01	0.0	0.0	19
20	0.58	0.03	0.09	0.01	0.0	0.0	0.0	0.05	0.15	0.05	0.11	0.0	20
21	0.05	0.01	0.03	trace	0.0	0.0	0.05	0.13	trace	0.0	0.0	0.0	21
22	0.07	trace	0.96	0.0	0.02	0.0	0.0	0.18	0.04	0.01	0.0	0.0	22
23	0.17	0.0	0.08	0.0	0.0	0.12	0.04	0.02	0.04	0.0	0.05	0.0	23
24	0.19	0.0	0.0	0.01	0.0	0.34	trace	0.10	0.0	0.0	0.01	0.0	24
25	0.0	0.0	0.0	0.01	0.0	0.01	0.0	0.0	0.27	0.0	trace	0.02	25
26	trace	0.0	0.02	0.62	0.0	0.0	0.0	0.0	1.15	0.07	0.18	0.38	26
27	0.0	0.03	0.03	0.42	trace	0.04	0.0	0.0	0.0	0.13	0.0	0.02	27
28	0.26	0.0	0.36	0.42	0.01	0.0	0.0	0.01	0.0	0.0	0.0	0.13	28
29	0.02	x x	0.49	0.33	0.03	0.0	0.0	1.04	0.0	0.01	0.03	0.28	29
30	0.14		trace	0.0	0.28	0.01	trace	0.01	0.0	0.17	0.05	0.13	30
31	0.11		0.01		0.0		0.0	trace		0.0		0.0	31
Total	4.38	0.75	4.00	2.76	2.44	1.47	1.18	1.74	4.09	1.39	1.40	1.08	YEAR'S TOTAL 26.68
Rain Days.	18	14	24	18	15	13	12	13	15	17	20	12	191

W.7,000, XI. 13

Ex DL

REGISTER OF RAINFALL IN 1914.

FORM A.
BRITISH RAINFALL.
16 FEB 1915

1

Kept at Chopwell wood

in the County of Durham 3

by L. McLaren
for Armstrong College.

Lat. 54·55 N. Long. 1·47° W.
Time of Observation 9 a.m.
Nearest Railway Station Lintz Green - N.E.R.
Diameter of Rain Gauge 12 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 446 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·0	0·01	0·06	0·0	0·0	trace	0·15	0·07	0·00	0·00	0·21	0·19	1
2	trace	0·0	trace	0·04	0·0	0·00	0·43	0·51	0·00	0·00	0·37	0·21	2
3	0·02	0·01	0·03	0·00	0·11	0·03	0·00	0·00	0·00	0·00	0·07	0·45	3
4	0·20	0·0	trace	0·04	0·06	0·08	0·00	0·00	0·00	0·00	0·05	0·43	4
5	0·05	0·0	0·17	0·15	0·04	trace	0·00	0·00	0·00	trace	0·51	trace	5
6	0·0	0·0	0·03	0·22	0·02	0·00	0·00	trace	0·00	0·00	Trace	0·14	6
7	0·0	0·01	0·10	0·03	0·13	0·23	0·00	0·12	0·00	0·00	0·03	0·02	7
8	0·45	trace	0·11	0·04	0·26	0·62	0·04	0·05	0·00	trace	0·00	0·11	8
9	0·38	0·07	trace	0·08	trace	2·04	0·00	0·00	0·09	0·00	0·11	0·04	9
10	0·04	0·19	0·00	0·0	trace	0·00	0·00	0·00	0·10	0·00	0·20	0·0	10
11	0·0	0·03	0·11	0·0	0·15	0·25	0·00	0·00	0·03	0·00	0·25	0·72	11
12	0·02	0·16	0·03	0·0	0·00	0·02	trace	0·00	0·10	0·00	0·17	1·32	12
13	0·02	0·12	0·18	0·02	trace	0·00	0·00	0·00	0·00	0·03	0·10	0·32	13
14	0·18	0·09	trace	0·0	0·00	0·00	0·12	0·00	0·00	0·01	0·06	0·21	14
15	0·02	0·07	0·32	0·0	0·00	0·00	0·12	0·00	0·00	0·00	0·95	0·06	15
16	0·17	0·0	trace	0·0	0·00	0·00	1·04	0·00	0·71	0·00	0·11	0·00	16
17	0·15	0·02	trace	0·0	0·00	0·00	0·07	0·00	0·37	0·00	0·02	0·02	17
18	trace	0·02	0·08	0·0	0·00	0·11	0·00	0·00	0·08	trace	0·00	Trace	18
19	0·0	trace	trace	0·0	0·00	0·00	0·09	0·00	0·11	0·00	0·12	0·00	19
20	0·03	0·10	0·22	0·0	0·00	0·22	0·00	0·00	0·00	0·05	0·04	0·01	20
21	trace	0·66	0·03	0·0	0·00	0·39	0·00	0·10	0·00	0·08	0·27	0·00	21
22	0·01	0·06	0·00	0·0	0·24	0·03	0·00	0·80	0·00	0·06	0·08	0·20	22
23	0·0	0·00	0·12	0·02	0·30	0·26	0·00	0·00	0·00	0·00	trace	0·10	23
24	0·04	0·01	trace	0·06	0·04	0·00	0·00	0·05	0·00	0·00	0·06	0·00	24
25	0·03	trace	0·10	0·0	0·00	0·00	0·00	0·07	0·00	0·40	0·00	0·11	25
26	0·02	0·02	0·12	0·0	0·00	0·00	0·10	0·00	0·00	0·10	0·08	0·19	26
27	0·02	trace	0·00	0·0	0·00	0·00	0·00	0·00	0·00	0·08	0·06	0·03	27
28	0·01	0·11	0·04	0·0	0·00	0·00	0·00	0·23	0·00	0·02	0·11	0·00	28
29	0·02		0·02	0·0	0·01	0·00	0·00	0·43	0·00	0·85	0·04	0·00	29
30	trace	X	trace	0·11	0·00	0·00	0·00	0·00	0·00	0·25	0·12	0·23	30
31	0·0	X	0·0	X	0·00	X	0·20	0·00	X	0·53	X	0·00	31
Total	1·91	1·76	1·87	0·81	1·36	4·28	2·36	2·43	1·59	2·46	4·19	5·11	YEAR'S TOTAL 30·13
Rain Days.	20	18	18	11	11	12	10	10	8	12	25	21	176

W. 8,000. X. 14.

–E B1

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.
26 JAN 1916

Kept at Chopwell Wood Armstrong College
in the County of Durham
by J. F. Annand, M.Sc.
Acting Observer J. S. Higginbotham

Lat. 54°55 N. Long. 1°47 W.
Time of Observation 9 A.M.
Nearest Railway Station Rowlands Gill
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
„ „ Sea Level 446 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·30	0·14	0·04	·	0·23	·	0·12	0·10	0·58	·	0·13	0·22	1
2	–	0·11	0·20	0·05	·	0·04	0·04	0·04	0·06	·	0·03	0·03	2
3	0·55	0·03	0·02	0·13	·	·	0·35	0·03	·	·	0·28	0·95	3
4	0·10	trace	·	·	trace	0·06	trace	0·12	·	·	0·05	0·74	4
5	0·05	0·10	0·07	·	0·01	trace	·	trace	·	0·03	0·03	0·49	5
6	–	0·65	0·13	0·02	·	·	0·33	0·05	trace	0·02	·	0·03	6
7	0·14	0·55	0·04	0·03	trace	·	0·63	0·19	0·01	·	·	·	7
8	–	0·24	0·08	·	0·01	·	0·20	0·04	·	·	0·08	trace	8
9	–	0·02	·	·	·	·	·	0·02	·	0·03	0·02	0·67	9
10	0·10	trace	0·10	0·03	·	0·04	·	0·03	·	·	·	0·30	10
11	0·06	0·16	·	trace	0·89	·	·	trace	·	·	0·04	0·09	11
12	0·18	0·14	·	0·05	0·04	·	0·03	0·04	·	0·07	0·59	·	12
13	–	0·07	·	·	·	·	0·05	0·10	0·02	·	·	·	13
14	0·07	0·11	·	0·04	0·22	·	trace	0·76	·	·	·	0·02	14
15	0·14	0·06	·	trace	·	·	0·09	0·36	·	·	0·11	0·18	15
16	–	0·16	0·04	·	·	trace	0·15	0·20	·	0·23	·	·	16
17	trace	0·09	0·04	·	·	·	trace	·	0·17	·	·	0·05	17
18	–	trace	0·59	·	·	·	·	·	0·17	0·06	0·09	0·12	18
19	–	0·04	0·02	0·01	0·02	·	0·03	·	0·01	0·19	·	·	19
20	0·01	0·01	·	·	0·01	·	trace	·	·	0·05	·	0·52	20
21	0·04	0·03	·	0·04	trace	·	trace	trace	·	·	·	0·06	21
22	0·01	trace	0·10	·	·	·	0·08	·	·	·	trace	0·17	22
23	0·09	0·11	0·20	0·01	·	·	0·01	·	·	0·11	·	0·13	23
24	–	·	0·34	0·08	·	trace	·	·	0·58	0·16	·	0·31	24
25	–	·	·	·	trace	0·11	·	·	·	0·09	0·02	trace	25
26	0·02	0·01	0·07	0·02	·	0·19	0·01	·	trace		0·02	0·37	26
27	0·01	0·16	0·02	·	·	trace	0·87	·	trace	0·16	·	0·16	27
28	0·01	0·21	0·04	·	0·45	·	0·08	0·42	·	0·04	·	0·07	28
29	0·02	X	–	·	0·24	·	0·25	0·08	0·15	·	0·07	0·85	29
30	trace	X	–	0·02	0·02	0·01	0·06	·	trace	·	·	trace	30
31	–	X	–	X	·	X	·	0·28	X	0·03	X	0·22	31
Total	1·90	3·20	2·14	0·53	2·14	0·45	3·38	2·86	1·75	1·27	1·56	6·45	YEAR'S TOTAL 27·93
Rain Days.	18	22	18	13	11	6	18	17	9	14	14	23	183

W. 8,000. X. 15.

cnd for mult (No agrees)

3691

FORM A.
BRITISH RAINFALL.

10 JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Chopwellwood

in the County of Durham

by J. F. Durand.

Lat. 54°55′N. Long. 1°47′W.

Time of Observation 9 A.M. (G.M.T.)

Nearest Railway Station Lintz Green

Diameter of Funnel of Rain Gauge eight in.

Height of top of Gauge above Ground one ft. – in.

" " " " Sea Level 446·0 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0·29	–	0·25	–	–	0·15	0·22	Trace	–	–	0·11	–	1
2	0·05	0·06	0·07	–	–	0·13	0·01	–	0·16	0·07	Trace	0·06	2
3	–	0·09	0·07	0·19	Trace	0·03	0·06	0·07	0·78	0·11	0·24	–	3
4	0·03	0·03	Trace	Trace	0·76	0·20	0·38	Trace	0·08	0·49	0·22	–	4
5	Trace	0·11	0·10	–	0·42	0·13	Trace	Trace	–	0·26	0·35	–	5
6	0·07	0·09	0·25	0·05	0·41	0·01	0·03	–	Trace	0·02	0·18	–	6
7	0·01.	0·06	0·15	0·05	0·35	0·34	0·07	Trace	–	0·04	0·01	0·26	7
8	–	0·02	0·07	–	0·14	0·08	–	–	–	–	–	–	8
9	–	–	0·05	–	0·02	Trace	Trace	–	–	–	0·02	0·75	9
10	0·17	Trace	0·04	–	–	0·40	0·09	–	–	0·10	0·02	0·37	10
11	Trace	0·39	0·55	0·05	0·02	0·07	0·19	–	Trace	0·04	–	0·24	11
12	0·03	0·01	0·31	0·02	0·42	0·07	0·55	Trace	–	–	–	0·38	12
13	–	0·01	0·29	0·03	–	Trace	0·04	0·09	0·11	0·21	0·04	0·11	13
14	–	0·14	0·10	0·02	0·15	Trace	–	0·14	–	0·03	–	0·52	14
15	0·02	0·33	0·62	–	0·02	Trace	0·07	0·43	0·03	Trace	–	–	15
16	–	0·05	0·37	0·11	Trace	–	0·14	0·07	–	0·02	–	0·26	16
17	0·04	Trace	Trace	0·06	0·02	–	0·02	0·14	0·09	0·16	0·03	–	17
18	–	0·30	0·01	0·30	–	0·05	Trace	0·44	0·18	0·03	1·49	0·07	18
19	0·14	0·08	0·10	0·58	Trace	–	–	Trace	0·07	–	0·61	0·03	19
20	0·06	–	0·05	0·15	–	Trace	0·37	0·41	Trace	–	0·12	0·10	20
21	0·09	Trace	0·13	0·03	Trace	–	Trace	–	–	–	Trace	–	21
22	0·02	0·13	0·02	Trace	Trace	0·02	–	–	Trace	0·10	–	–	22
23	0·02	Trace	0·12	–	–	0·01	Trace	–	–	0·08	Trace	0·21	23
24	–	–	0·05	–	Trace	0·25	–	0·36	–	0·04	0·02	0·02	24
25	–	0·12	0·25	–	0·01	0·05	–	0·27	Trace	0·20	0·58	0·02	25
26	0·29	0·45	0·06	–	–	0·01	–	0·25	Trace	0·01	–	–	26
27	Trace	0·18	–	–	–	Trace	–	1·36	0·01	0·34	Trace	–	27
28	–	0·28	0·09	Trace	0·36	0·03	–	0·03	0·05	0·14	–	0·29	28
29	–	0·77	–	0·01	–	–	–	–	–	0·25	–	–	29
30	–	✕	–	Trace	0·10	–	0·09	0·02	–	0·21	–	Trace	30
31	–	✕	–	✕	Trace	✕	Trace	Trace	✕	0·08	✕	–	31
Total	1·33.	3·70	4·17.	1·65.	3·20.	2·03.	2·33.	4·08 4·08	1·56	3·03	4·04	3·69	YEAR'S TOTAL 34·81.
Rain Days.	15	21	25	14	14	18	15	14	10	23	15	16.	34·81 ~~199~~ 200

W. 8,000, VIII. 16

Ex. Cab. 4/2/20 cnd by B. by rain stats 3367

FORM A.
BRITISH RAINFALL.
5 FEB 20

REGISTER OF RAINFALL IN 1919

Kept at Chopwellwood [M.O.]

in the County of Durham

by J. F. Annand.

Lat. 54° 55′ Long. 1° 47′ W.

Time of Observation 9 h. G.M.T.

Nearest Railway Station

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 446 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
1	0·22	0·10	0·01	-	0·07	-	0·25	-	0·22	0·03	0·09	0·06	1
2	-	0·02	-	-	-	-	0·48	-	0·02	0·01	0·17	-	2
3	0·39	-	-	0·09	0·09	0·17	0·08	-	-	-	0·27	-	3
4	0·37	0·13	0·07	-	0·07	0·05	0·02	0·03	0·01	-	0·17	0·11	4
5	0·14	0·26	-	-	0·10	0·01	0·01	-	-	-	0·16	0·06	5
6	0·01	0·01	0·15	-	0·30	-	-	-	-	0·12	0·25	0·05	6
7	0·05	-	0·27	0·10	0·11	-	-	-	-	0·01	0·01	0·02	7
8	0·15	-	0·03	0·08	0·19	-	-	0·03	-	-	0·41	0·01	8
9	0·09	-	0·21	-	0·01	0·06	-	-	-	0·01	0·38	0·01	9
10	-	0·01	0·11	0·09	0·01	0·03	-	-	-	0·06	0·21	0·10	10
11	0·03	-	0·33	-	0·04	-	-	-	0·32	0·05	0·09	0·01	11
12	0·01	-	0·35	0·03	-	0·02	0·39	-	0·10	0·25	0·04	0·01	12
13	(·03)	-	0·06	0·03	-	0·10	0·46	0·11	0·05	0·36	0·03	0·01	13
14	0·07	0·01	0·05	0·18	-	-	-	-	-	0·07	0·13	0·03	14
15	0·46	0·15	0·10	0·17	-	-	-	0·16	-	-	0·06	0·64	15
16	-	0·05	0·05	0·04	-	-	-	-	-	-	0·07	0·01	16
17	-	0·10	-	0·02	0·03	-	-	-	-	-	0·16	-	17
18	-	-	0·05	-	-	-	-	0·17	0·03	-	-	0·12	18
19	0·05	0·10	0·65	0·08	-	0·01	0·06	0·06	0·11	-	0·18	-	19
20	0·22	0·32	0·05	-	-	0·09	0·13	0·01	-	-	-	0·15	20
21	0·05	0·15	0·06	-	-	0·01	-	0·03	0·01	-	-	0·16	21
22	-	0·19	0·16	-	-	0·02	0·03	0·02	0·02	0·02	-	0·10	22
23	0·03	0·01	0·06	0·16	-	0·10	-	0·05	-	1·27	0·04	-	23
24	0·10	-	0·01	0·02	0·04	0·03	0·01	-	-	0·34	0·21	0·04	24
25	0·24	0·07	0·01	0·10	-	0·01	-	0·48	0·02	0·01	0·15	-	25
26	-	0·20	0·10	0·03	-	(·07)	-	0·27	0·07	0·20	0·62	0·37	26
27	0·01	0·01	-	0·44	-	-	-	-	0·01	0·62	0·18	0·02	27
28	0·10	-	-	0·19	-	-	-	1·09	0·01	0·56	0·22	0·22	28
29	0·31		0·01	0·05	-	-	0·01	-	0·07	0·84	0·02	0·03	29
30	0·01	X	0·10	0·06	-	0·33	-	-	-	0·29	0·06	0·57	30
31	0·18	X	-	X	0·09	X	0·18	-	X	0·17	X	0·15	31
Total	3·32 ~~3·29~~	1·89	3·05	1·96	1·15	1·11 ~~1·04~~	2·11	2·51	1·07	5·29	4·38	3·06	YEAR'S TOTAL 30·90 ~~30·80~~
Rain Days	2~~3~~4	18	24	19	13	1~~5~~6	13	13	15	20	26	25	22~~4~~6

Copied from M.O. Form 3202

W, 6,500, VIII. 18. W W 6

Sed App 3246

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Chopwell Wood (M.O.)
in the County of Durham
by R. W. Hunter

Lat. 54° 55' N Long. 1° 47' W
Time of Observation 9h. G.M.T.
Nearest Railway Station
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 446 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	-	0.25	0.44	0.61	-	0.15	-	0.04	0.22	-	-	1
2	-	-	0.10	0.34	0.01	-	0.07	-	0.09	0.20	-	0.25	2
3	0.01	0.01	-	0.28	0.01	0.13	0.22	0.05	0.03	0.26	-	0.15	3
4	0.05	-	-	0.12	0.03	-	0.21	0.36	0.01	0.72	-	0.59	4
5	-	0.01	0.01	0.03	0.13	-	0.10	0.16	0.04	0.05	-	0.05	5
6	-	-	0.20	-	(0.10)	-	0.11	-	-	-	-	0.08	6
7	0.11	-	0.02	0.01	0.05	-	0.28	-	-	-	-	0.07	7
8	-	-	-	0.02	0.13	-	0.20	0.01	-	-	0.12	-	8
9	0.22	0.14	0.01	0.34	0.02	-	0.27	0.12	0.04	-	0.02	0.01	9
10	0.62	0.19	-	0.68	-	-	0.10	0.02	0.02	-	-	0.01	10
11	0.29	0.04	0.02	0.17	0.29	0.03	0.01	-	0.02	-	-	0.14	11
12	0.25	-	0.06	0.33	0.07	0.03	0.04	-	0.02	-	0.12	0.66	12
13	0.10	-	0.02	0.08	0.02	-	-	-	0.02	-	0.16	0.16	13
14	0.08	0.01	0.34	0.09	-	-	0.08	-	0.05	0.25	0.31	0.07	14
15	-	0.05	0.21	0.07	-	-	0.01	-	-	0.31	0.12	0.03	15
16	-	-	0.01	0.01	0.07	-	0.46	-	0.31	0.01	0.01	0.01	16
17	0.02	0.01	0.01	-	0.14	-	0.01	0.15	0.07	0.07	-	-	17
18	0.25	0.06	0.03	-	0.07	0.03	0.02	0.02	0.20	-	-	-	18
19	0.01	0.53	-	0.25	-	0.07	0.01	0.08	0.01	-	-	-	19
20	0.03	0.05	-	0.03	-	0.02	-	-	0.59	-	-	-	20
21	-	-	-	0.01	-	-	0.10	0.25	0.03	-	-	-	21
22	0.08	-	-	0.07	-	-	0.08	-	-	-	-	-	22
23	-	-	-	0.02	-	-	0.40	-	-	-	0.01	0.07	23
24	-	-	0.69	-	-	-	0.06	-	-	-	-	0.02	24
25	0.01	0.01	0.10	-	-	0.01	0.50	-	-	-	-	-	25
26	-	0.02	0.62	0.02	-	-	0.05	-	-	-	-	0.04	26
27	0.17	-	0.11	0.11	0.76	0.75	0.05	-	-	-	0.21	0.01	27
28	0.06	-	0.36	0.03	-	0.06	0.04	-	-	-	0.02	0.34	28
29	0.13	-	0.10	-	1.04	-	-	-	-	-	0.05	0.82	29
30	0.06		0.02	0.02	0.07	0.02	-	-	0.22	-	0.08	0.06	30
31	0.09		-		0.01		0.05	-		0.01		0.06	31
TOTAL	2.64 ✓	1.13 ✓	3.29 ✓	3.57 ✓	3.63	1.15 ✓	3.68 ✓	1.22 ✓	1.81 ✓	2.10 ✓	1.23 ✓	3.70 ✓	YEAR'S TOTAL 29.76 ✓
Days with ·01 in. or more	20 ✓ 13	13 ✓	21 ✓ 17	24 ✓ 14	19 ✓ 13	10 ✓	27 ✓	10 ✓	18 ✓	10 ✓	12 ✓	22 ✓	206 ✓
						4	22	7	10	8	8	16	136

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

Copied from 3202.

3531

DURHAM.

3547.

RYHOPE P. S.

1917 - 20.

780612

FORM A. BRITISH RAINFALL.

REG

Kept at Ryhope Pum ... m.

... Ryhope

in the County of Du ...

... Gauge 8 in.

... Ground 1 ft. 1 in.

by the Sunderland & ...

... Sea Level 227.80 ft.

SOUTH SHIELDS WATER CO. ENGINEER'S OFFICE 1 FEB 1918 SUNDERLAND

IMPORTANT NO ... the result entered to the previous day. If an O ... versal rule, he is earnestly requested to add the rea ... ar in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	00	00	·00	04	00	06	00	·44	·76	00	·16	00	1
2	10	00	.00	34	00	01	00	·17	·00	00	00	00	2
3	00	00	·01	20	00	01	01	00	00	05	00	.01	3
4	00	00	01	00	00	00	00	01	00	00	02	00	4
5	00	00	·13	28	00	00	00	·02	00	10	04	00	5
6	00	00	00	04	00	00	00	·01	00	06	00	00	6
7	58	00	·04	00	00	02	00	.03	00	11	03	·08	7
8	19	00	00	11	00	00	00	·51	00	44	06	00	8
9	27	02	00	02	00	00	00	·19	00	10	26	·03	9
10	·23	00	64	24	05	00	00	27	00	22	28	00	10
11	·14	05	00	02	14	00	00	16	00	06	00	00	11
12	17	00	02	08	15	00	00	00	00	00	00	·06	12
13	24	00	·02	01	29	12	00	70	13	07	00	00	13
14	20	01	·01	10	91	00	00	·05	00	19	00	·04	14
15	09	00	·00	01	10	00	00	79	01	01	00	·20	15
16	11	00	·00	19	00	00	00	02	00	01	00	·44	16
17	08	01	·00	09	32	02	00	44	00	00	00	·25	17
18	02	01	·00	09	14	00	·11	·08	00	00	00	·03	18
19	05	10	·17	00	·18	02	00	00	00	00	00	00	19
20	07	26	·05	02	00	00	00	·18	·1·0	00	15	21	20
21	·01	19	06	00	00	00	00	·02	00	00	·03	00	21
22	00	00	·15	01	00	00	00	·04	00	02	00	00	22
23	·01	02	·00	00	07	02	00	07	00	00	00	00	23
24	01	00	·00	00	00	00	·13	00	00	19	·13	·04	24
25	·00	02	·12	00	00	05	·03	00	·02	02	00	·22	25
26	00	00	·14	00	00	06	·00	·52	·32	03	·05	08	26
27	·02	00	·16	00	00	00	45	·75	00	03	00	·27	27
28	·00	00	·05	00	00	00	·02	·57	00	01	00	·02	28
29	03		·00	00	00	00	00	39	00	20	00	·02	29
30	02	X	·02	00	00	00	00	00	00	04	·05	·10	30
31	09	X	·42	X	00	X	·01	00	X	00	X	·17	31
Total	2·73 ✓	·69 ✓	2.22 ✓	1.89 ✓	2.35 ✓	·39 ✓	·76 ✓	6·43 ✓	1.34 ✓	1.96 ✓	1.26 ✓	2.27 ✓	YEAR'S TOTAL 24·29 ✓
Rain Days.	22 ✓	10 ✓	18 ✓	18 ✓	10 ✓	10 ✓	7 ✓	24 ✓	6 ✓	20 ✓	·12 ✓	·18 ✓	175 ✓

W. 8,000, IX. 17.

✓ 3531

REGISTER OF RAINFALL IN

FORM A.
BRITISH RAINFALL

Kept at Ryhope Pumping Station
in the County of Durham
by the Sunderland & South Shields Water Co

Lat. .... Long. ....
Time of Observation 9 a.m.
Nearest Railway Station Ryhope
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 1 in.
" " " " Sea Level 227.80 ft.

SUNDERLAND & SOUTH SHIELDS WATER CO.
ENGINEER'S OFFICE
1 FEB 1918

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	00	00	·00	04	00	06	00	·44	·76	00	·16	00	1
2	10	00	·00	34	00	01	00	·17	·00	00	00	00	2
3	00	00	·01	20	00	01	01	00	00	05	00	·01	3
4	00	00	01	00	00	00	00	01	00	00	02	00	4
5	00	00	·13	28	00	00	00	·02	00	10	04	00	5
6	00	00	00	04	00	00	00	·01	00	06	00	00	6
7	58	00	·04	00	00	02	00	·03	00	11	03	·08	7
8	19	00	00	11	00	00	00	·51	00	44	06	00	8
9	27	02	·00	02	00	00	00	·19	00	10	26	·03	9
10	·23	00	·64	24	05	00	00	·27	00	22	28	00	10
11	·14	05	00	02	14	00	00	16	00	06	00	00	11
12	17	00	02	08	15	00	00	00	00	00	00	·06	12
13	24	00	·02	01	29	12	00	·70	13	07	00	00	13
14	20	01	·01	10	91	00	00	·05	00	19	00	·04	14
15	09	00	·00	01	10	00	00	79	01	01	00	·20	15
16	11	00	·00	19	00	00	00	·02	00	01	00	·44	16
17	08	01	·00	09	32	02	00	44	00	00	00	·25	17
18	02	01	·00	09	14	00	·11	·08	00	00	00	·03	18
19	05	10	·17	00	·18	02	00	00	00	00	00	00	19
20	07	26	·05	02	00	00	00	·18	·10	00	·15	21	20
21	·01	19	·06	00	00	00	00	·02	00	00	·03	00	21
22	00	00	·15	01	00	00	00	04	00	02	00	00	22
23	·01	02	·00	00	07	02	00	·07	00	00	00	00	23
24	01	00	·00	00	00	00	·13	00	00	19	·13	·04	24
25	·00	02	·12	00	00	05	·03	00	·02	02	00	·22	25
26	00	00	·14	00	00	06	·00	52	·32	03	·05	08	26
27	·02	00	·16	00	00	00	45	·75	00	03	00	·27	27
28	·00	00	·05	00	00	00	·02	·57	00	01	00	·02	28
29	03		·00	00	00	00	00	39	00	20	00	·02	29
30	02	X	·02	00	00	00	00	00	00	04	·05	·10	30
31	09	X	·42	X	00	X	·01	00	X	00	X	·17	31
Total	2.73 ✓	·69 ✓	2.22 ✓	1.89 ✓	2.35 ✓	·39 ✓	·76 ✓	6·43 ✓	1.34 ✓	1.96 ✓	1.26 ✓	2.27 ✓	YEAR'S TOTAL 24·29 ✓
Rain Days.	22 ✓	10 ✓	18 ✓	18 ✓	10 ✓	10 ✓	7 ✓	24 ✓	6 ✓	20 ✓	12 ✓	18 ✓	175 ✓

W. 8,000, IX. 17.

Ee 8 J

33

FORM A.
BRITISH RAINFALL
5.2.19

REGISTER OF RAINFALL IN 1918.

Kept at Ryhope Waterworks

in the County of Durham

by Sundarland & So. Shields Water Compy.

Lat. 54° 51' 54" N. Long. 1° 22' 11" W.

Time of Observation 9 am.

Nearest Railway Station Ryhope.

Diameter of Funnel of Rain Gauge 8. in.

Height of top of Gauge above Ground 1 ft. 1 in.

" " " " Sea Level 227. 80. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	08	·01	·03	·00	02	00	00	00	·16	·08	·28	·02	1
2	07	·01	00	·03	00	00	00	00	·02	00	00	·24	2
3	00	00	·03	00	·03	00	00	00.	00	·13	·19	·02	3
4	02	00	·09	00	·31	00	00	·02	·01	·06	·10	·01	4
5	00	00.	·07	00.	·71	00	00	·13	00	·03	00	00	5
6	02	·22	00	·37	·01	·18	00	·01	00	·23	00	00	6
7	00	·07	00	·00	00	·00	·11	00	·02	·04	·13	00	7
8	00	00	·14	00	00	00	·07	00	·22	·02	·00	00	8
9	00	·12	00.	·06	00	00	00	00	·50.	·08	00	00	9
10	00	00	·01	07	00	00	·02	00.	00	00	00	00	10
11	·18	·12	00.	02	·27	00	·11	00	·01	00	00	·09	11
12	00	·04	00.	08	00	00	·04	·04	·01	·24	00	·02	12
13	00	·02	00.	08	·08	00	00	00	·03	·12	00	00	13
14	·03	·00	00	09.	00	00	·05	00	·36	00	00	00	14
15	·04	00	00	03	00	·04	·53	00	1·27	00	00	·64	15
16	00	00	·02	00	00	03	·20.	·19	·40.	00	00	·40	16
17	·14	00	·00	00	00	·00	·24	·01	·01	·30	00	·16	17
18	·59	00	·07	08.	00	·06	·05	00.	·30.	·12	00	·04	18
19	·35	00.	·02	·26	00	00	·34	·10.	00	·48	00	·00	19
20	·10	·27.	00.	·06	00	04	·29.	00	·04	·08	00	00	20
21	·22	00	00	·01	·06	00	·05	00	·14	·09	00	00	21
22	·02	00	00	·01	·02	00	·08	00	00	00	00	29	22
23	·18	00	00	·00.	·10	00	·69.	00	·01	·00	·01	00	23
24	00	00	00.	00	·00	00	·03	00	·20	00	00	00	24
25	00	00	·04	00	00	01	·03	·10.	·04	·00	·01	·02	25
26	·00	00	00.	00	00	·00	·43	·05	·18.	·01	·07	00	26
27	00	03.	·03	00	·10.	·00	01	·23	·14	00	00	·05	27
28	00	·07	·22	00	00	·01	00	00.	·00	00	00	·27	28
29	00		00	00	00	00	00	·01	·41	00	00	·25	29
30	00		·02	·00	00	00	00	00	·03	00	·04	·42	30
31	00		·25		00		00.	00		00		00	31
Total	2·04	·98	1·04	1·25	1·71	·32.	3·37	·89.	4·51	2·11	·83	2·94	YEAR'S TOTAL 21,99
Rain Days.	14	11	14	14	11	7	19	11	23	16	8	16	164

W, 6,500. VII. 18. w w c

3358

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1919.

Kept at Ryhope Pumping Station

in the County of Durham.

by Sunderland & So. Shields Water Coy.

Lat. 54°·51'·54" N Long. 1°·22'·11" W

Time of Observation 9 a.m.

Nearest Railway Station Ryhope

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

" " " " Sea Level 224·80 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·15	·05	00	00	·11	00	·28	·01	·14	·03	·13	·02	1
2	00	·03	00	00	00	00	·51	00	00	00	·06	00	2
3	·34	00	00	00	·04	·08	00	00	00	00	·12	00	3
4	·51	·25	·13	00	·08	·01	·02	00	00	00	·19	02	4
5	·21	·21	·01	00	00	·02	00	00	00	00	·10	·01	5
6	00	00	·04	00	00	00	00	00	00	·02	·06	·06	6
7	00	00	·42	00	·04	00	00	00	00	00	·01	·25	7
8	·11	00	·01	00	·18	00	00	·01	00	·13	·28	·12	8
9	·06	00	·15	00	00	·01	00	00	00	00	·15	·00	9
10	00	00	·05	00	·02	·01	00	00	00	·13	·33	·03	10
11	00	00	·31	00	·18	00	·01	00	·23	·05	·12	00	11
12	00	00	·28	·03	00	00	·03	00	·01	·14	·10	00	12
13	·02	00	·08	·01	00	·13	·10	·16	·01	·13	·10	·01	13
14	·08	·01	·06	·43	00	00	00	·03	00	·08	·25	·00	14
15	·20	·20	·04	·09	00	00	00	·05	00	00	·00	·59	15
16	·06	·04	00	·01	00	00	00	00	00	00	·03	00	16
17	00	·03	00	·04	·06	00	00	00	00	00	·12	00	17
18	00	00	00	00	·02	00	·02	·14	00	00	·00	·08	18
19	·02	·13	·44	·02	00	·02	·05	·10	·13	00	·12	·03	19
20	·29	·25	·03	00	00	·00	·03	00	·01	00	00	·15	20
21	·10	·14	·04	00	00	·13	·03	·01	·06	00	00	·02	21
22	00	·13	·03	00	00	·02	·09	00	00	00	00	·02	22
23	·01	·02	·03	·04	00	·26	·01	·09	00	1.09	·02	·00	23
24	·03	00	00	·02	00	·01	00	·01	00	·45	·06	·01	24
25	·08	·11	00	·04	·01	00	00	·54	·01	·01	·35	·02	25
26	00	·18	·08	·02	00	·01	00	·12	·05	·26	·23	·24	26
27	00	·05	00	·38	00	·01	·01	00	·03	1.21	·12	·01	27
28	·08	00	00	·20	00	00	00	·82	00	·35	·24	·20	28
29	·13		00	00	00	·06	00	00	00	·53	·01	·10	29
30	·01	X	·09	·22	00	·23	00	00	00	·04	·02	·33	30
31	·04	X	·01	X	·15	X	·16	00	X	·11	X	·15	31
Total	2.56	1.86	2.39	1.58	·92	1.01	1.35	2.09	·41	4.49	3.35	2.44	YEAR'S TOTAL 25·08
Rain Days.	20	16	20	14	11	15	14	13	10	14	25	22	194

W. 8,000, IX. 17.

3237

29 JAN 1921

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1920.

Kept at Ryhope Pumping Station

in the County of Durham

by The Sunderland & South Shields Water Company

Lat. 54° 51' 54" N. Long. 1° 22' 11" W

Time of Observation 9 am

Nearest Railway Station Ryhope.

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

" " " " Sea Level 224.80 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	00	00	·15	·33	·58	·02	·11	00	00	·24	00	00	1
2	00	00	·14	·16	·02	00	·61	00	00	·10	00	·22	2
3	00	00	00	·28	00	·08	·62	·03	·04	·43	00	·22	3
4	·03	00	00	·02	·04	00	·50	·38	·06	1.09	00	·20	4
5	00	00	·02	·00	·14	00	·28	·04	00	00	00	·08	5
6	00	00	·20	01	·04	00	·04	00	·10	00	00	·11	6
7	00	00	·01	00	00	00	·08	00	00	00	00	·03	7
8	00	00	00	·05	·15	00	·36	00	00	·02	·14	00	8
9	·12	00	00	·33	00	00	·01	·15	·04	00	00	00	9
10	·88	·24	00	·39	00	00	·01	00	·02	00	00	·01	10
11	·20	00	00	·22	·28	·01	00	00	00	00	00	·16	11
12	·16	00	·01	·36	·01	00	00	00	·01	00	·01	·48	12
13	·16	·03	00	·01	00	00	·05	00	·02	00	·04	·24	13
14	00	·03	·62	·04	00	00	00	00	·00	·06	·04	·05	14
15	00	·04	·11	·08	00	00	·41	00	00	·25	·01	·06	15
16	00	00	00	·02	·01	00	00	00	·16	·01	00	00	16
17	00	00	00	00	·11	00	·00	·16	·03	·06	00	·02	17
18	·22	·08	·05	00	·11	00	·44	·01	·10	00	00	00	18
19	00	·50	00	·04	00	00	00	·06	·05	00	00	00	19
20	·12	·02	00	·04	00	·05	00	00	·05	00	00	00	20
21	00	00	00	·08	00	00	·09	·50	·06	00	00	·01	21
22	·02	00	00	·10	00	00	·04	00	00	00	·02	·00	22
23	00	00	·09	·03	00	00	·21	00	00	00	·01	·11	23
24	·08	00	·59	·01	00	00	·10	00	·01	00	00	00	24
25	00	·03	·11	00	00	00	·45	00	00	00	00	00	25
26	00	·01	·54	·02	00	00	·26	00	00	·01	00	00	26
27	·08	00	·01	·09	·44	·30	·01	00	00	00	·23	·02	27
28	·40	00	·44	·02	·08	·05	·03	00	00	00	·08	·24	28
29	·10	00	·04	00	·60	·02	00	00	00	00	·02	·64	29
30	·05		·01	00	·15	00	02	00	·32	00	·08	·06	30
31	·04		00		·01		·01	00		00		00	31
TOTAL	2·69	·98	3·20	2·46	3·13	·53	4·83	1·36	1·10	2·24	·44	2·99	YEAR'S TOTAL 26·58
Days with ·01 in. or more	15	9	14	23	16	4	23	8	15	10	11	19	143
Days with ·04 in. or more	13	4	12	15	12	4	14	6	10	4	6	14	120

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

cor for auth
- - W.D.

FORM A2.
BRITISH RAINFALL.

10 JAN 1912

RYTON - ON - TYNE
DURHAM
1911 - 19

Kept at Ryton

in the County of D

by Dr J. W.

in.
and 1 ft. in.
Level 258 ft.
9 AM
Ryton on Tyne
ance ¼ m Direction ~~East~~ North

IMPORTANT NO… result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
(–)

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1						0·20				0·10			1
2					0·27		0·08	0·08					2
3	0·40				0·05		0·12			0·05		0·08	3
4	0·01		0·25	0·08	0·09		0·04			0·08	0·08		4
5	0·10		0·15	0·06				0·40		0·02	0·03	0·10	5
6	0·03		0·08	0·13	0·03			0·53		0·06	0·01		6
7	0·03		0·08	0·09				0·07		0·03		0·28	7
8				0·06	0·05						0·05		8
9	0·05		0·19	0·02		0·04	0·08			0·06	0·03	0·17	9
10	0·04			0·02							0·04	0·09	10
11	0·03	0·04	0·04	0·08		0·02					0·13	0·52	11
12	0·44			0·01	0·08			0·01	0·35		0·04	0·16	12
13			0·07		0·06				0·67		0·37		13
14	0·18		0·42		0·04				0·02		0·03	0·21	14
15			0·16		0·15				0·01		0·05	0·57	15
16			0·25						0·01	0·06	0·05	0·20	16
17			0·40			0·08	0·07			0·06	0·06	0·06	17
18			0·28	0·08		0·30	0·02				0·22	0·10	18
19		0·18	0·13			0·17					0·27	0·12	19
20			0·05	0·05		0·50		0·04	·04	0·21	0·70	0·03	20
21			0·01	0·05			0·22	0·21	·06	0·09	0·03	0·40	21
22		0·11						1·02			0·10		22
23	0·25	0·09							0·60				23
24	0·07	0·14				0·70				0·20		0·03	24
25	0·03		0·08			1·85		0·03		0·17		0·11	25
26		0·10	0·02	0·07		0·14			0·06	0·77			26
27				0·02		0·01		0·04		0·10	0·98		27
28		0·03	0·07					0·24	0·05	0·14	0·08		28
29										0·14		0·06	29
30				0·57		0·10	0·18		0·70	0·17		0·09	30
31			0·06									0·02	31
Total	1·66	·69	2·79	1·39	·20 ~~0·84~~ 1·02	~~4·11~~ 3·91	0·81	2·70	·10 ~~2·57~~ 2·67	~~2·51~~ 2·41	3·35	3·40	TOTAL for year 26·80 26·82
No. of Rain Days.	163 13	7	19	17	10	11	8	11	12	17	20	20	165

W. 8,000, X. '11.

cor for auth
- - W.D.

FORM A2.
BRITISH RAINFALL.
10 JAN 1912

Kept at Ryton . on . Tyne

in the County of Durham 3

by Dr J. W. Smith

RAIN GAUGE Diameter of top 5 in.
Height of top above Ground 1 ft. in.
" " " Sea Level 250 ft.

Time of Observation 8 AM

Nearest Railway Station Name Ryton on Tyne
Distance 1/4 m Direction ~~South~~ North

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. (–)

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1						0·20	.			0·10			1
2					0·27		0·08	0·08					2
3	0·40				0·05		0·12			0·05		0·08	3
4	0·01		0·25	0·08	0·09		0·04			0·08	0·08		4
5	0·10		0·15	0·06				0·40		0·02	0·03	0·10	5
6	0·03		0·08	0·13	0·03			0·53		0·06	0·01		6
7	0·03		0·08	0·09				0·07		0·03		0·28	7
8				0·06	0·05						0·05		8
9	0·05		0·19	0·02		0·04	0·08			0·06	0·03	0·17	9
10	0·04			0·02							0·04	0·09	10
11	0·03	0·04	0·04	0·08		0·02					0·13	0·52	11
12	0·44			0·01	0·08			0·01	0·35		0·04	0·16	12
13			0·07		0·06				0·67		0·37		13
14	0·18		0·42		0·04				0·02		0·03	0·21	14
15			0·16		0·15				0·01		0·05	0·57	15
16			0·25						0·01	0·06	0·05	0·20	16
17			0·40			0·08	0·07			0·06	0·06	0·06	17
18			0·28	0·08		0·30	0·02				0·22	0·10	18
19		0·18	0·13			0·17					0·27	0·12	19
20			0·05	0·05		0·50		0·04	·04	0·21	0·70	0·03	20
21			0·01	0·05			0·22	0·21	·06	0·09	0·03	0·40	21
22		0·11						1·02			0·10		22
23	0·25	0·09							0·60				23
24	0·07	0·14				0·70				0·20		0·03	24
25	0·03		0·08			1·85		0·03		0·17		0·11	25
26		0·10	0·02	0·07		0·14			0·06	0·77			26
27				0·02		0·01		0·04		0·10	0·98		27
28		0·03	0·07					0·24	0·05	0·14	0·08		28
29										0·14		0·06	29
30				0·57		0·10	0·18		0·70	0·17		0·09	30
31			0·06									0·02	31
Total	1·66	·69	2·79	1·39	20 ~~0·92~~ 1·02	~~4·11~~ 3·91	0·81	2·70	10 ~~2·57~~ 2·67	~~2·51~~ 2·41	3·35	3·40	TOTAL for year 26·80 26·80
No. of Rain Days.	163 13	7	19	17	10	11	8	11	12	17	20	20	165

W. 8,000, X. '11.

Cov. for arith - 13.VI.13.

REGISTER OF RAINFALL IN 1912

FORM A2.
BRITISH RAINFALL.

20 MAY 1913

Kept at Ryton on Tyne

in the County of Durham 3

by Dr. J. W. Smith

RAIN GAUGE
Pattern
Diameter of top 5 in.
Height of top above Ground 1 ft. 3 in.
" " " Sea Level ft.

Time of Observation 8 AM

Nearest Railway Station
Name James W Smith
Distance ½ mile Direction North

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1						0.05	0.11	0.44	0.20	0.52			1
2			0.07		0.04	0.09	0.64	0.85	0.05	0.14		0.08	2
3			0.08		0.06	0.48	0.33	0.35		0.04	0.04		3
4	0.07					0.88	0.04	0.28	0.38			0.17	4
5	0.07		0.20	0.03	0.02	0.40		0.63	0.02		0.04		5
6					0.17	0.17		0.04			0.02		6
7	0.37	0.19			0.03	0.05		0.09					7
8		0.07		0.04	0.10		0.04	0.70	0.43		0.05	0.02	8
9		0.04	0.05			0.08			0.26		0.09		9
10	0.38	0.02	0.04	0.05		0.04					0.04		10
11	0.03			0.03	0.05	0.13		0.11			0.04		11
12		0.25						0.28			0.23	0.09	12
13	0.04	0.34				0.16	0.55		0.03		0.28	0.05	13
14		0.23				0.21		0.04		0.12	0.30	0.03	14
15	0.04					0.16			0.02			0.09	15
16	0.06	0.15	0.11		0.71	0.21		0.02				0.43	16
17	0.61		0.06		0.05	0.06		0.04		0.02		0.02	17
18	0.02	0.04	0.26			0.17		0.30					18
19	0.10	0.26	0.03			0.02							19
20	0.04	0.67			0.74		0.40	0.35					20
21	0.19				0.24	0.03	0.30	0.14		0.19	0.04		21
22	0.24		0.21			0.08	0.04	0.10		0.05	0.06		22
23					0.03	0.26		0.20					23
24	0.07	0.04				0.03	0.14	0.60		0.35	0.02		24
25	0.44						0.12	0.06		0.20	0.05	0.17	25
26	0.25					0.47	0.30				0.11		26
27	0.04	0.20				0.04		0.10				0.46	27
28			0.09			0.34	0.35	0.05		0.04		0.12	28
29					0.13	0.07	0.44	0.28		1.03			29
30			0.30			0.35	0.10	0.05	0.38	0.02			30
31	0.13		0.28				0.04	0.05	0.75	0.21	0.15		31
Total	~~2.27~~ 3.19	2.50	1.77	0.15	2.37	5.03	3.94	~~6.16~~ 6.20	2.52	2.93	1.56	1.73	TOTAL 32.93
No. of Rain Days.	19	13	13	4	13	26	16	25	10	13	16	12	180

33.89

W. 8,000, X. '11.

cnd for auth. for WD 13.1.14

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.
14 JAN 1914

Kept at Ryton on Tyne

in the County of Durham

by Dr. J. W. Smith

Lat. .... Long. ....

Time of Observation 8 AM

Nearest Railway Station ¼ mile

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 258 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1													1
2		0·04		0·11									2
3			0·07							0·10			3
4		0·05	0·03		0·05		0·25					0·10	4
5	0·20	0·02	0·02		0·03	0·07	0·05			0·03			5
6	0·56		0·67				0·08		0·06	0·10			6
7	0·05	0·11	0·41		0·70	0·10	0·15				0·10		7
8		0·11	0·03	0·03			0·09			0·50	0·03		8
9					0·65					0·40	0·10	0·02	9
10		0·10		0·12	0·32			0·10			0·05		10
11			0·16	0·03	0·07					0·06	0·08		11
12				0·45		0·10							12
13						0·02			0·80		0·19		13
14								0·12	0·25		0·04		14
15			0·02	0·05						0·08	0·04		15
16	1·65	0·09	0·36					0·03	0·60		0·67		16
17				0·03			0·10						17
18				0·11				0·03					18
19	0·08		0·32		0·16	0·22					0·12		19
20	0·14		0·03		0·05				0·45				20
21	0·20								0·20		0·15		21
22	0·10						0·06	0·15		1·05			22
23	0·06		0·71					0·16					23
24	0·20		0·10			0·10	0·04	0·02	0·16				24
25	0·25		0·08			0·36		0·04	0·10		0·16		25
26						0·02			0·33				26
27				0·48					0·98	0·11	0·18	0·53	27
28	0·28					0·05				0·09			28
29	0·05		0·29	0·83	0·05						0·02		29
30	0·09		0·38	0·44	0·02			0·27					30
31	0·03				0·24					0·10			31
Total	3·94	0·52	3·08 3·08	2·68	2·34	1·04	0·81	1·92	3·93	2·62 2·62	1·33	0·65	YEAR'S TOTAL 24·85 24·86
Rain Days.	15	8	16	11	11	9	8	9	10	11	14	3	125

W. 7,500, XI. 12

corr for arith – WD } 13.IV.15

W Dg

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
5 - JAN 1915

Kept at Ryton-on-Tyne
in the County of Durham 3
by Dr. J. Wilkie Smith

Lat. .... Long. ....
Time of Observation 8 A.M.
Nearest Railway Station Ryton-on-Tyne
Diameter of Rain Gauge 18 in.
Height of top of Gauge above Ground .... ft. .... in.
" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. (–)

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			0·10		0·03						0·38	0·10	1
2		0·01	0·63			0·02	0·25	0·26			0·13	0·21	2
3				0·06			0·53	0·49			0·38	0·12	3
4		0·07	0·05		0·15						0·09	0·35	4
5	0·74			0·02		0·07					0·04	0·23	5
6			0·10	0·15				0·03			0·52	0·02	6
7			0·02	0·18	0·05						0·01	0·08	7
8	0·11		0·05	0·04	0·12	0·30					0·05	0·02	8
9	0·42		0·28	0·02	0·30	0·43	0·15	0·18				0·12	9
10	0·35	0·08		0·04	0·05	1·35			0·15		0·14	0·03	10
11	0·06	0·13							0·04		0·12		11
12		0·02	0·05		0·07	0·15			0·03		0·16	0·42	12
13		0·08	0·02			0·02			0·05		0·08	0·75	13
14	0·06	0·09	0·12		0·01				0·01	0·05	0·09	0·44	14
15	0·14	0·06	0·02				0·15			0·01	0·10	0·15	15
16	0·02		0·27								0·85	0·14	16
17	0·10		0·11				0·95		0·30		0·13		17
18	0·15						0·23		0·89		0·03	0·04	18
19	0·06	0·08	0·10			0·06	0·10		0·17				19
20	0·07		0·05		0·02		0·08				0·08		20
21		0·08	0·27			1·52					0·07		21
22	0·04	0·30	0·06			0·27				0·02	0·27		22
23		0·17			0·06	0·07		0·07		0·10	0·17	0·11	23
24			0·15	0·07	0·28	0·04					0·01	0·16	24
25				0·04	0·02						0·07		25
26		0·03	0·04					0·06		0·35	0·01	0·06	26
27		0·02	0·11				0·12	0·10		0·12	0·04	0·19	27
28	0·02									0·06	0·05	0·04	28
29			0·02					0·17		0·03	0·09		29
30		✕	0·02					0·40		0·61	0·03		30
31	0·03	✕		✕		✕		0·08	✕	0·18	✕	0·12	31
	–	·10	–	·03	–	–	–	–	–	·38	·10	(–)	YEAR'S TOTAL
Total	2·37	~~1·22~~ 1·32	~~2·04~~ 1·94	~~0·62~~ ·65	~~1·16~~ 1·13	4·30	2·56	1·84	1·64	~~1·53~~ 1·91	~~4·19~~ 3·91	~~3·90~~ 3·80	~~27·35~~ 27·37
Rain Days.	15	~~14~~ 15	~~22~~ 21	~~9~~ 10	~~12~~ 11	12	9	10	8	~~10~~ 11	28	~~22~~ 21	171

W. 8,000. X. 14.

cord for W.D. 29.01.16. cord for arcth 29.01.16 3162

REGISTER OF RAINFALL IN 1915

W DL

FORM A. BRITISH RAINFALL. 31 MAY 1916

Kept at Ryton-on-Tyne

in the County of Durham

by Dr. J. Wilkie Smith

Lat. Long.

Time of Observation 9 AM

Nearest Railway Station Ryton

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 3 in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. (—)

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		0·10							0·28		0·05		1
2	0·17	0·07		0·01	0·26		0·16	0·09	0·56		0·19	0·37	2
3	0·06	0·11	0·53	0·03		0·08	0·09	0·26	0·08		0·09		3
4	0·40		0·02	0·09			0·24	0·09			0·29	0·70	4
5	0·10	0·03				0·05	0·02	0·08			0·07	0·58	5
6	0·05	0·02	0·01			0·05		0·02			0·04	0·32	6
7		0·50	0·08	0·03			0·29	0·03		0·03		0·09	7
8	0·25	0·49	0·05				0·40	0·20					8
9	0·02	0·17	0·09				0·22	0·03			0·13		9
10		0·03						0·06			0·05	0·95	10
11	0·20		0·09	0·02				0·08					11
12	0·06	0·19			0·73			0·08			0·03	0·10	12
13	0·17	0·09		0·05	0·02		0·07	0·06		0·10	0·53		13
14	0·01	0·03						0·04	0·14				14
15	0·02	0·07		0·07	0·18			0·22				0·05	15
16	0·15							0·42				0·15	16
17	0·13	0·25	0·05					0·12					17
18		0·08	0·03				0·07		0·10			0·06	18
19									0·20	0·33	0·10	0·11	19
20		0·03	0·54				0·02		0·09	0·20			20
21					0·02					0·05		0·52	21
22	0·09						0·02					0·03	22
23	0·01		0·12									0·18	23
24	0·08		0·16				0·20			0·10		0·15	24
25			0·25	0·13		0·02			0·50	0·05		0·23	25
26										0·13		0·02	26
27	0·05					0·30				0·10		0·10	27
28	0·04						0·93			0·05		0·25	28
29	0·01		0·08		0·41		0·07	0·55				0·07	29
30		✕			0·22		0·05	0·05	0·22		0·12	0·71	30
31	0·03	✕		✕		✕	0·10		✕		✕	0·10	31
Total	·10 2·10	2·26 2·79	2·10	0·43	1·84	0·50	2·95	·28 2·48	2·17 ~~X·X7~~	·05 1·14	1·60 1·66	5·84 5·86	YEAR'S TOTAL 25·24
	2·20	2·16	2·10	·43	1·84	·50	2·95	2·76	1·89	1·19	1·64	5·84	25·50 ✓
Rain Days.	~~21~~ 22	~~16~~ 15	14	8	7	5	16	~~18~~ 19	~~9~~ 8	~~10~~ 11	~~12~~ 11	22	158 ✓

W. 8,000. X. 15.

and for WD Ex P 7 E 3695

FORM A. BRITISH RAINFALL. 30 JUL 1917

REGISTER OF RAINFALL IN 1916

Kept at Ryton on Tyne

in the County of Durham

by Dr J W Smith.

Lat. .... Long. ....

Time of Observation 8. AM.

Nearest Railway Station Ryton on Tyne

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 3 in.

" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. (–)

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			0.46			0.09		0.15			0.06		1
2	0.18		0.28			0.15	0.28				0.07		2
3		0.03				0.10	0.01		0.08			0.08	3
4		0.04			0.02		0.02	0.05	0.82	0.08	0.20		4
5				0.19	0.60	0.33	1.05		0.02	0.74	0.23		5
6	0.12	0.08			0.35	0.16				0.25	0.40		6
7	0.04	0.18	0.74		0.27					0.10	0.11		7
8		0.02		0.06	0.27	0.55				0.06	0.02	0.26	8
9					0.10	0.05							9
10					0.02	0.03						0.60	10
11	0.12	0.04				0.20				0.11	0.05	0.45	11
12	0.07	0.33	0.28	0.13	0.03	0.06	0.14			0.05		0.21	12
13		0.02	0.30	0.03	0.40	0.02	0.60	0.03				0.29	13
14			0.26	0.06		0.01	0.26	0.11		0.22		0.06	14
15	0.02		0.07	0.06	0.14	0.02		0.10		0.04	0.05	0.65	15
16		0.48	0.52				0.05	0.75		0.02			16
17	0.08	0.03	0.35	0.14			0.10	0.33				0.15	17
18				0.03			0.06	0.07	0.13	0.25			18
19		0.25		0.16		0.04	0.03	0.43	0.23	0.05	0.12		19
20	0.13		0.13	0.32				0.03	0.07		0.70		20
21	0.05		0.07	0.18			0.22	0.25			0.15	0.19	21
22	.09		0.12		0.07		0.03	0.01					22
23		0.13				0.05			0.03		0.02		23
24		0.02				0.20				0.15			24
25			0.12			0.33		0.33					25
26					0.05	0.05		0.40		0.23	0.56		26
27			0.22			0.01		0.15					27
28		0.63						0.36	0.03	0.29			28
29	0.31	0.24	0.03		0.20	0.05		0.13		0.20		0.50	29
30		✕		0.13	0.03					0.33			30
31		✕		✕	0.06	✕			✕	0.27	✕	0.83	31
Total	1.21	.46 ~~2.52~~	~~3.95~~	1.49	.09 ~~2.61~~	~~2.50~~	.15 ~~2.85~~	~~3.68~~	1.41	.06 ~~3.44~~	~~2.74~~	(–) 4.27	YEAR'S TOTAL 32.67
Rain Days.		2·98 ~~15~~	3·49	~~12~~	2·70 ~~15~~	2·41 ~~20~~	3·00 ~~13~~	3·53 ~~17~~	~~8~~	3·50 ~~18~~	2·68 ~~14~~	~~12~~	

W. 8,000, VIII. 16

3574

FORM A.
BRITISH RAINFALL.
15 JUL 1918

REGISTER OF RAINFALL IN 1917

Kept at Ryton-on-Tyne
in the County of Durham
by Dr. J. W. Smith

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1								0·29					1
2								0·09	0·88		0·25	0·05	2
3	0·08			1·10							0·03		3
4						0·05		0·02		0·04			4
5													5
6				0·34				0·03		0·10	0·02		6
7			0·32			0·08		0·43	0·02		0·12		7
8	0·66					0·17		0·26		0·30		0·10	8
9	0·68			0·16				0·21	0·02	0·60	0·10		9
10	0·07							0·09	0·01	0·03	0·08		10
11	0·27		0·80		0·28				0·02	0·24	0·01		11
12	0·15				0·12			0·11		0·17			12
13				0·40		0·02				0·02			13
14				0·10	0·33	0·33		2·55	0·09	0·10			14
15		0·12		0·30	0·57			0·50	0·02				15
16			0·05	0·03				0·02	0·03			0·30	16
17				0·20				0·20					17
18				0·20				1·02	0·08				18
19	1·27	0·08		0·02	0·18		0·15	0·05	0·23				19
20			0·14	0·01	0·35	0·03		0·04			0·02	1·65	20
21	0·30	0·27	0·07		0·43	0·42		0·28	0·38		0·09	0·30	21
22	0·02	0·25				0·05		0·04	0·02	0·04			22
23						0·17		0·06	0·02	0·02			23
24		0·05	(0·27)		0·10			0·16	0·01			0·01	24
25					0·01	0·02	0·09	0·08		0·28	0·30		25
26			0·06			0·40	0·06	0·01	0·07	0·04			26
27						0·02	0·02	0·42		0·07	0·01		27
28			0·05				0·48	0·80	0·14	0·17		0·13	28
29			0·07					0·83	0·02				29
30		X			0·04		0·46	0·20		0·24		0·07	30
31	0·17	X	0·04	X		X			X	0·04	X	0·42	31
Total	3·67	0·77	1·82	2·86	2·41	1·76	1·26	8·79	2·06	2·50	1·03	2·03	YEAR'S TOTAL 30·96
Rain Days.	10	5	10	11	10	12	6	26	17	17	11	9	144

W. 8,000, IX. 17.

Cor. for ...

45

REGISTER OF RAINFALL IN 1918

FORM A. BRITISH RAINFALL

Kept at Balgonie House. Ryton on Tyne

in the County of Durham

by Dr J W Smith Balgonie House. Ryton Co. Durham

Lat. Long.

Time of Observation 8.30 AM.

Nearest Railway Station Ryton on Tyne

Diameter of Funnel of Rain Gauge 5 in in.

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. nil

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1				0.30						0.03		0.05	1
2		0.04		0.04					0.50	0.07	0.38		2
3				0.07						0.01	0.02	0 30	3
4	0.04.		0.38	0.01						0.02	0.08		4
5					0.21.			0.10		0.09	0.18	0.02	5
6			0.28		0.75		0.05	0.05		0.01	0.01	0.04	6
7		0.15	0.02	0.32	0.03	0.30		0.01		0.14			7
8		0.08		0.13					0.27	0.03	0.22		8
9			0.17				0.12	0.07	0.16	0.07	0.03		9
10	0.26	0 24		0.25					0.43	0.20	0.02		10
11		0.09	0.02	0.07.			0.12.		0.09	0.16	0.02		11
12	0.30	0.10	0.03	0.03	0.33.		0.04	0.05				0.10	12
13		0.12		0.10			0.55		0.20	0.06		0.03	13
14		0.02		0.11	0.10					0.23		0.02	14
15							0.25	0.03	0.48	0.06			15
16				0.06		0.08	0.40		1.40			0.57	16
17			~~0.07~~			0.10	0.48	0.09	0.55	0.04		0.19	17
18			0.07		0.50		0.40	0.01	0.03	0.34		0.05	18
19	1.07.		0.05				0.07		0.13	0.11		0.04	19
20	0.50		0.03	0.14			0.38	0.15	0.08	0.65			20
21	0.41	0.20.		0.12	0.05	0.08	0.35	0.01	0.10	0.05			21
22	0.13	0.05							0.12	0 03			22
23	0.19				0.06		0.21.					0.34	23
24				0.06	0.15		0.40		.02		0.03		24
25		0.02.					0.02	0.10	0.21	0.01	0.02		25
26						0.03	0.05	0.57	0 07.			0.03	26
27					0.02		0.24	0.03	0.14		0 24		27
28		0.06	0.14				0.03	0.32	0.16			0.10	28
29			0.02			0.05			0 03			0.33	29
30		X	0.03						0.17		0.04	0.29	30
31		X		X		X		0.08	X		X	0.42	31
Total	~~1.60~~	~~1.17~~	30 ~~1.24~~	~~1.81~~	~~2.20~~	~~0.64~~	~~4.16~~	~~1.67~~	.03 ~~5.34~~	~~2.41~~	.05 ~~1.29~~	~~2.92~~	YEAR'S TOTAL 26.45
Rain Days.	? 8	12.	13	14	10	6.	18	15	22	20.	13	16	~~158~~ 168
	1.60	1.17	1.54	1.51	2.20	·64	4.16	1.67	5.37	2.38	1.34	2.87	26.45

W. 6,500. VII. 18.

corrd for WD ~~W~~ RL corrd for auth.

3369

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Balgonie Ho. Ryton on Tyne
in the County of Durham
by Dr. J W Smith

Lat. ______ Long. ______
Time of Observation 8. A.M.
Nearest Railway Station Ryton
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft 3 in.
" " " " Sea Level ______ ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. nil

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		0.16			0.04	0.02					0.11	0.03	1
2	0.20	0.18			0.10		0.26		0.38	0.04	0.10		2
3					0.03		0.52		0 04		0.11		3
4	0.47				0.05	0.17	0.07				0.36	0.02	4
5	0.29				0.10	0.06	0.02	0.05		0.01	0 30	0.08	5
6	0.09									0.01	0.15	0.09	6
7			0.15		0.18		0.01			0 07	0 20	0.05	7
8			0.32		0.17					0.01		0.04	8
9	0.04		0.02		0.24	0.05		0 04		0 01	0.45	0.03	9
10	0.08		0.19		0.02	0.10				0.01	0.33	0.04	10
11	0.07		0.17			0.07				0.07		0.03	11
12	0.03		0.26		0.11				0.26	0.05			12
13			0.32	0.05			0.26		0.16	0.13			13
14	0 07		0.06			0.09		0.10	0.10	0.27	0.52		14
15	0.10		0.02	0.21					0.01			0.02	15
16	0.40		0.08	0.42				0.07			0 18	0.41	16
17			0.05	0.03			0.01			0.01		0.01	17
18		0.55		0.02	0.09						0 22		18
19					0.02		0.01				0.02	0.10	19
20	0.02	0.11	0.48	0.04		0.10	0.01	0.19			0.08		20
21	0.19	0.30				0.02	0.25	0.04	0.06		0.01	0.19	21
22	0.08	0.16				0.04			0.04		0 01	0.05	22
23		0 15				0.02		0.02	0.01	0.06		0.07	23
24	0.03			0.05		0.07	0.02	0.07		1.00			24
25	0.08					0.07	0.01		0.04	0.35			25
26	0.20	0.07				0.16		0.63		0.01			26
27		0.16	0.42	0.16		0.02		0.33	0.08	0.12		0.37	27
28		0.04				0.01		0.02		0.73		0 01	28
29	0.12			0.53				0.94	0 01	0.66		0.25	29
30	0.30	╳		0.05		0.28			0.04	0.71		0 03	30
31	0.03	╳	0.10	╳		╳	0.15		╳	0.50	╳	0.31	31
Total	.16 ~~2.89~~ 3.05	~~1.88~~ 1.72	2.64	-04 ~~1.56~~ 1.60	.02 ~~1.15~~ 1.13	~~1.27~~ 1.33 ~~1.35~~	~~1.79~~ 1.60	2.50	1.23	.11 ~~4.63~~ 4.94	.03 ~~3.15~~ 3.07	~~2.14~~ 2.203	YEAR'S TOTAL ~~27.03~~ 27.01
Days with ·01 in. or more	20 21	~~(15)~~ (14)	(18)	12 ~~11~~	12	16 ~~17~~	13	12	13	22 ~~21~~	16	20 ~~21~~	189

rain sleet & Snow from 4th to 16th

Snow & sleet between 20 & 25.

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

3557

SOUTH SHIELDS

BENTS PARK

DURHAM

1912 - ~~15~~, 18

780613

1916-17

REC

FORM A.
BRITISH RAINFALL.

12 JUL 1913

1° 25′ W

Kept at North Marine ... am.

South Shields.

in the County of

five in. (Snowdon pattern)

by the South Shields ... (Hegelt ...

Observer: James ...

...ve Ground Seven ft. six in.

Sea Level 30.24 ft. Ordnance Datum

IMPORTANT N... ...d the result entered to the previous day. If an... ...iversal rule, he is earnestly requested to add the reading at 9 a.m. ... ...ear in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	–	x ·19	·02	·01	·02	·17	·19	·59	·06	·43	–	·14	1
2	–	·13	·03	–	·03	·25	·21	·42	–	·37	–	·01	2
3	·07	–	–	–	–	·64	·01	·25	·26	·02	–	·20	3
4	·12	–	·41	·01	–	·33	–	·51	–	–	·21	–	4
5	–	·01	·03	–	·19	·23	–	·04	–	–	·01	–	5
6	·16	·08	·01	–	·09	·08	–	·01	–	–	–	–	6
7	·01	·02	·01	·04	·10	–	·01	–	·28	–	·02	·01	7
8	·36	·05	·01	–	·01	–	–	–	·09	–	·05	–	8
9	·01	·06	·12	·01	–	·04	–	–	·13	–	·06	–	9
10	–	·01	·01	–	·02	·06	–	·17	·02	–	·05	·03	10
11	–	·12	–	–	–	–	·01	·15	·02	–	·50	–	11
12	·03	·18	·03	–	–	·17	·36	–	·02	·01	·27	–	12
13	–	·01	–	–	–	·17	–	–	–	·10	·17	–	13
14	·07	–	·09	–	–	·08	·01	·11	·01	–	·01	·03	14
15	·01	·11	·24	–	·72	·30	·01	–	–	–	–	·31	15
16	·21	–	·04	–	·10	·04	·02	·02	–	·02	·02	–	16
17	–	·08	·13	–	–	·24	–	·27	–	–	–	·01	17
18	·11	·17	·01	–	–	·01	·10	·02	–	–	–	–	18
19	·06	·58	–	–	·04	·02	·21	·25	–	·01	·02	–	19
20	·16	·12	·01	–	·69	·02	·14	·11	·01	·09	·01	–	20
21	·20	·01	·16	–	·23	·04	–	–	–	·01	·02	–	21
22	–	·03	–	–	·10	·55	–	·04	–	–	–	–	22
23	·14	–	·05	–	–	–	·08	·46	–	·83	·01	·02	23
24	·17	·04	–	–	–	–	·52	·01	–	·16	·01	·08	24
25	·19	–	–	–	–	·24	·05	·10	–	–	·03	–	25
26	·06	·04	–	–	–	·45	–	·05	–	·97	·02	·24	26
27	–	–	·03	–	–	·39	·47	–	–	·30	·01	·18	27
28	–	·02	–	·05	·02	·02	·47	·38	–	·13	·05	–	28
29	–	–	·12	–	–	–	·07	–	·38	·02	–	–	29
30	·08		·01	–	·01	·01	–	·04	·41	·14	–	·02	30
31	–		·18		·01		·73	·18		·06		–	31
Total	2·22"	2·06"	1·75"	0·12"	2·38"	4·55"	3·67"	4·18"	1·69"	3·67"	1·55"	1·28"	YEAR'S TOTAL 29·12" ✓
Rain Days.	19	21	22	5	16	24	19	22	12	17	20	13	210 ✓

x P.T.O.

W. 7,500, XI. 12

FORM A.
BRITISH RAINFALL.

12 JUL 1913

REGISTER OF

Kept at North Marine Park South Shields

in the County of Durham. 3

by the South Shields Corporation (Health Department)

Observer: James Yeoman for Dr. M. Mathieson

Lat. 55. 0 Long. ° 25' W

Time of Observation 9 am.

Nearest Railway Station South Shields.

Diameter of Rain Gauge five in. (Snowdon pattern)

Height of top of Gauge above Ground Seven ft. six in.

" " " Sea Level 30.24 ft. Ordnance Datum

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
1	–	x ·19	·02	·01	·02	·17	·19	·59	·06	·43	–	·14	1
2	–	·13	·03	–	·03	·25	·21	·42	–	·37	–	·01	2
3	·07	–	–	–	–	·64	·01	·25	·26	·02	–	·20	3
4	·12	–	·41	·01	–	·33	–	·51	–	–	·21	–	4
5	–	·01	·03	–	·19	·23	–	·04	–	–	·01	–	5
6	·16	·08	·01	–	·09	·08	–	·01	–	–	–	–	6
7	·01	·02	·01	·04	·10	–	·01	–	·28	–	·02	·01	7
8	·36	·05	·01	–	·01	–	–	–	·09	–	·05	–	8
9	·01	·06	·12	·01	–	·04	–	–	·13	–	·06	–	9
10	–	·01	·01	–	·02	·06	–	·17	·02	–	·05	·03	10
11	–	·12	–	–	–	–	·01	·15	·02	–	·50	–	11
12	·03	·18	·03	–	–	·17	·36	–	·02	·01	·27	–	12
13	–	·01	–	–	–	·17	–	–	–	·10	·17	–	13
14	·07	–	·09	–	–	·08	·01	·11	·01	–	·01	·03	14
15	·01	·11	·24	–	·72	·30	·01	–	–	–	–	·31	15
16	·21	–	·04	–	·10	·04	·02	·02	–	·02	·02	–	16
17	–	·08	·13	–	–	·24	–	·27	–	–	–	·01	17
18	·11	·17	·01	–	–	·01	·10	·02	–	–	–	–	18
19	·06	·58	–	–	·04	·02	·21	·25	–	·01	·02	–	19
20	·16	·12	·01	–	·69	·02	·14	·11	·01	·09	·01	–	20
21	·20	·01	·16	–	·23	·04	–	–	–	·01	·02	–	21
22	–	·03	–	–	·10	·55	–	·04	–	–	–	–	22
23	·14	–	·05	–	–	–	·08	·46	–	·83	·01	·02	23
24	·17	·04	–	–	–	–	·52	·01	–	·16	·01	·08	24
25	·19	–	–	–	–	·24	·05	·10	–	–	·03	–	25
26	·06	·04	–	–	–	·45	–	·05	–	·97	·02	·24	26
27	–	–	·03	–	–	·39	·47	–	–	·30	·01	·18	27
28	–	·02	–	·05	·02	·02	·47	·38	–	·13	·05	–	28
29	–	–	·12	–	–	–	·07	–	·38	·02	–	–	29
30	·08		·01	–	·01	·01	–	·04	·41	·14	–	·02	30
31	–		·18		·01		·73	·18		·06		–	31
Total	2·22"	2·06"	1·75"	0·12"	2·38"	4·55"	3·67"	4·18"	1·69"	3·67"	1·55"	1·28"	YEAR'S TOTAL 29·12" ✓
Rain Days.	19	21	22	5	16	24	19	22	12	17	20	13	210 ✓

x P.T.O.

W. 7,500, XI. 12

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 19 13.

Ex D.D.

8. JAN 1914

Kept at North Marine Park. South Shields

in the County of Durham. 3

by the South Shields Corporation.
(W. A. Motley Mathieson)

Lat. 55° 0′ N Long. 1° 25′ W.
Time of Observation 9 a.m.
Nearest Railway Station South Shields
Diameter of Rain Gauge five in.
Height of top of Gauge above Ground 7 ft. 6 in.
" " " " Sea Level 30 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·	·	·	·16	·	·	·	·	·02	·01	·01	·	1
2	·	·	·02	·	·	·02	·	·	·02	·02	·01	·01	2
3	·01	·	·02	trace	·01	·	·19	·	·01	·	·	·03	3
4	·19	·	·01	·	·02	·06	·01	trace	·	·13	·03	·02	4
5	·45	·01	·	·	·	·03	·02	·06	·	·05	·	·	5
6	trace	·09	·37	·	·95	·03	·13	·	·	·	·04	·	6
7	·	·08	trace	·02	·11	·03	·	·	·	·37	·03	·	7
8	·	·	·	·	·97	·	·	·	·05	·27	·11	·01	8
9	·	·10	·	·09	·14	·06	trace	·01	·	·	·01	·	9
10	·	·01	·17	·01	·04	·	·02	·	·01	·16	·25	·	10
11	·87	·	·	·48	·	·08	·	·	·	·02	·04	trace	11
12	·88	·	·	·	·	·	·03	·05	·33	·	·11	·	12
13	·23	·	·03	·	·	·	trace	·03	·01	·05	·07	·	13
14	·16	·10	·01	·01	·	·	·	·	·02	·12	·	·	14
15	·08	·	·24	·04	·	·	·	·06	·	·	·02	·02	15
16	·02	·	·	·01	·	·	·	trace	·58	·	·02	·	16
17	·02	·01	·06	·07	·	·02	·01	·	·	·	·03	·	17
18	·04	·	·19	·23	·10	·11	·	·	·	·	·07	·	18
19	·23	·	·01	trace	·06	·	·	·	·91	·	·	·	19
20	·11	·03	·02	·01	·	·	·	·03	·05	·06	·20	·	20
21	·02	·	·02	·	·03	·	·09	·12	·02	·	·01	·	21
22	·10	·	·57	·	·08	·25	trace	·12	trace	·06	·	·	22
23	·13	·	·03	·	·	·34	·01	·	·08	·	·04	·02	23
24	·18	·	·	·01	·	·15	·	·05	·	·	·02	·04	24
25	trace	·	·	·01	·	·	·	·	·43	·01	·	trace	25
26	·	·	·	·41	·	trace	·	·	1·17	·18	·29	·43	26
27	·	·04	·02	·15	·	·17	·	·	·01	·01	·02	trace	27
28	·25	·02	·17	·88	·03	·	·	·01	·01	·	·	·09	28
29	·01		·26	·21	·03	·	·	·16	·	trace	trace	·40	29
30	·12		·01	·	·41	·	·	·01	·	·10	·	·02	30
31	·02		·		·07		·	·02		·		·	31
Total	4·12	0·49	2·23	2·80	3·05	1·35	0·51	0·73	3·73	1·62	1·43	1·09	YEAR'S TOTAL 23·15
Rain Days.	21	10	19	17	15	13	9	13	17	16	21	11	182

W. 7,500, XI. 12 7. 1. 1914.

D. Motley Mathieson

moved June 30th Eoe DL

REGISTER OF RAINFALL IN 1914.

FORM A. BRITISH RAINFALL.
7 JAN 1915

Kept at { North Marine Park: (Jan - June) and Bents Park: (July - Dec.) } South Shields
in the County of Durham. 3
by South Shields Town Council (W. D. Morley Mathieson)

Lat. 55° 0' N. Long. 1° 25' W.
Time of Observation 9 am.
Nearest Railway Station South Shields
Diameter of Rain Gauge five in.
Height of top of Gauge above Ground seven ft. six in.
" " See letter herewith " Sea Level thirty ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·	·	·03	·	·	·	·17	·10	trace	·03	trace	·02	1
2	·	·	·	·01	·	·	·39	·37	·	·02	·20	·08	2
3	·	trace	·09	·	·22	·01	·07	·	·	·	·11	·24	3
4	·06	·	·03	·03	·04	·05	·	·	·	trace	·02	·16	4
5	·05	·	·12	·11	·04	·01	·	·21	·	·	·45	·	5
6	·	·	·	·23	·02	·	·47	·01	·	·	trace	·06	6
7	·	·	·11	·01	·10	·34	·	·01	·	·	·01	·01	7
8	·50	·	·22	·	·36	·15	·	·20	·	·03	·	·02	8
9	·37	·03	trace	·09	trace	·88	·	·	·29	·	·04	·04	9
10	·09	·07	·02	·	·	trace	·	·	·08	trace	·02	trace	10
11	·	·02	·11	·	·03	·20	·	·	·02	·	·07	·40	11
12	·02	·04	·01	·	·	trace	·	·	·02	·	·05	·56	12
13	·02	·06	·10	·	·	·	trace	·	trace	·	·10	·28	13
14	·06	·03	·	trace	·	·	·16	·	·	trace	·07	·15	14
15	·02	trace	·40	·	·	trace	·06	·	·	·	·45	·01	15
16	·06	·	·01	trace	·	trace	1·65	·	·42	·	·21	·	16
17	·07	·05	·	·	·	·	·27	·	·66	trace	·01	·02	17
18	·03	·03	·02	·	·	·24	·	·01	·06	trace	·	·01	18
19	·12	trace	·03	·	·	·	·10	·	·13	trace	·05	·	19
20	·03	·04	·38	·	·	·68	·	·	·	·02	·05	·	20
21	·05	·22	·07	·	·	·43	·	·	·	·05	·19	·09	21
22	trace	·05	·13	·	·09	·06	·	·05	·	·03	·16	·09	22
23	·	·	·15	·04	·27	·02	·	·	·	·01	·01	·09	23
24	·05	·	trace	·07	·03	·01	·	·02	·	·01	·07	·	24
25	·	·05	·04	·	·	·	·	·09	·	·34	·	·19	25
26	·	trace	·03	·	·	·	·06	·10	·	·12	·01	·11	26
27	·03	·	·	·	·	·	·	·	·	·04	·08	·06	27
28	trace	·08	·	·	trace	·	·	·05	·	trace	·09	trace	28
29	·01	X	·03	·	·01	·	·	·39	·	·45	·01	–	29
30	·	X	·	·06	·01	·	·	·17	·	·09	·06	·01	30
31	trace	X	·	X	·	X	·21	·01	X	·23	X	·	31
Total	1·64	0·77	2·13	0·65	1·22	3·08	3·61	1·79	1·68	1·47	2·59	2·70	YEAR'S TOTAL (23·33)
Rain Days.	18	13	21	9	12	13	11	15	8	14	25	22	(181)

W. 8,000. X. 14.

January 6th. 1915.

7 - JAN 1915

REGISTER OF RAINFALL.

at North Marine Park and Bents Park, South Shields.

May 22nd. 1914 to 3rd. July 1914.

Date.	North Marine Park.	Bents Park.	Date.	North Marine Park.	Bents Park.	Date.	North Marine Park.	Bents Park.
			June 1	-	-	July 1	.70	.17
			2	-	-	2		.39
			3	.01	.01	3		.07
			4	.05	.04			
			5	.01	.01			
			6	-	-			
			7	.34	.27			
			8	.15	.16			
			9	.88	1.00			
			10	trace	trace			
			11	.20	.17			
			12	trace	trace			
			13	-	-			
			14	-	-			
			15	trace	.01			
			16	trace	.01			
			17	-	-			
			18	.24	.20			
			19	-	-			
			20	.68	.68			
			21	.43	.41			
May 22	.09	.07	22	.06	.05			
23	.27	.25	23	.02	.02			
24	.03	.02	24	.01	.01			
25	-	-	25	-	-			
26	-	-	26	-	-			
27	-	-	27	-	-			
28	trace	trace	28	-	.01			
29	.01	.02	29	-	-			
30	.01	-	30	-	-			
31	-	-						
Total.	0.41 ✓	0.36 ✓		3.08 ✓	3.06 ✓		.70 ✓	.63 ✓

Dinsley Mathieson

January 6th. 1915.

Medical Officer of Health.

Copied from A for Sth. Shields

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.

15 APR 1915

Kept at Bents Park south Shields

in the County of Durham 3

by Dr D Morley Mathieson (Sth Shields Town Council)

Lat. 55° 0' N Long. 1° 25' W

Time of Observation 9am

Nearest Railway Station South Shields

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 7 ft. 6 in.

" " " " Sea Level 30 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1						-	·17	·10	-	·03	-	·02	1
2						-	·39	·37	-	·02	·20	·08	2
3						·01	·07	-	-	-	·11	·24	3
4						·04	-	-	-	-	·02	·16	4
5						·01	-	·21	-	-	·45	-	5
6						-	·47	·01	-	-	-	·06	6
7						·27	-	·01	-	-	·01	·01	7
8						·16	-	·20	-	·03	-	·02	8
9						1·00	-	-	·29	-	·04	·04	9
10						-	-	-	·08	-	·02	-	10
11						·17	-	-	·02	-	·07	·40	11
12						-	-	-	·02	-	·05	·56	12
13						-	-	-	-	-	·10	·28	13
14						-	·16	-	-	-	·07	·15	14
15						·01	·06	-	-	-	·45	·01	15
16						·01	1·65	-	·42	-	·21	-	16
17						-	·27	-	·66	-	·01	·02	17
18						·20	-	·01	·06	-	-	·01	18
19						-	·10	-	·13	-	·05	-	19
20						·68	-	-	-	·02	·05	-	20
21						·41	-	-	-	·05	·19	·09	21
22					·07	·05	-	·05	-	·03	·16	·09	22
23					·25	~~·02~~	-	-	-	·01	·01	·09	23
24					·02	·01	-	·02	-	·01	·07	-	24
25					-	-	-	·09	-	·34	-	·19	25
26					-	-	-	·10	-	·12	·01	·11	26
27					-	-	·06	-	-	·04	·08	·06	27
28					-	·01	-	·05	-	-	·09	-	28
29					·02	-	-	·39	-	·45	·01	-	29
30		✕			-	-	-	·17	-	·09	·06	·01	30
31		✕		✕	-	✕	·21	·01	✕	·23	✕	-	31
Total						3·06	3·61	1·79	1·68	1·47	2·59	2·70	YEAR'S TOTAL
Rain Days.						16	11	15	8	14	25	22	

W. 8,000. X. 14.

cord per auth 9·V·16 Ent Lat 3763

REGISTER OF RAINFALL IN 1915.

FORM A.
BRITISH RAINFALL.

Kept at Bents Park, South Shields

in the County of Durham.

by Dr. D. Morley Matheson.

Lat. 55° - 0' N. Long. 1° - 25' W.

Time of Observation 9 a.m.

Nearest Railway Station South Shields (N.E.R.)

Diameter of Funnel of Rain Gauge Five in.

Height of top of Gauge above Ground One ft. —— in.

" " " " Sea Level 36·22 — ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·26	·09	·01	–	·16	–	·07	·14	·23	–	·03	trace	1
2	·01	·23	·15	·08	trace	·08	·05	trace	·08	–	·37	·11	2
3	·32	trace	·12	·10	–	–	·25	–	–	–	·11	·81	3
4	·21	·06	trace	–	·03	·03	–	–	–	·01	·19	·55	4
5	·06	·01	trace	–	·02	·01	·01	·03	–	·03	trace	·45	5
6	trace	·38	·01	trace	–	–	·40	·05	·02	trace	–	·05	6
7	·14	·52	·09	–	–	–	·52	·27	–	–	–	–	7
8	·02	·08	·08	trace	trace	–	·05	·01	–	–	·13	–	8
9	·01	trace	–	–	–	–	–	·01	trace	·04	–	·55	9
10	·27	–	·17	·01	–	·01	–	·16	·01	trace	–	·29	10
11	·06	·23	·01	–	·50	–	–	·07	–	–	·01	·29	11
12	·13	·17	–	·15	·04	–	·10	·04	–	trace	·52	·04	12
13	trace	trace	–	–	·02	–	trace	·07	·04	·06	–	·09	13
14	–	·39	–	·01	·08	–	·02	trace	–	–	–	·01	14
15	·05	·01	–	trace	–	–	–	·37	–	–	·04	·11	15
16	·02	·13	·06	–	–	–	·18	·01	–	trace	·08	–	16
17	·15	·02	·10	–	–	–	–	–	·09	·02	–	·04	17
18	trace	·06	·60	–	–	–	–	–	·05	·01	·04	·06	18
19	–	·07	·04	·01	·01	–	·02	–	·02	·03	–	–	19
20	·04	–	–	–	·04	–	–	–	–	·28	–	·61	20
21	·08	·07	–	·03	·12	–	·01	trace	–	·05	–	·05	21
22	·13	–	·02	–	·03	–	–	–	–	·06	–	·14	22
23	·05	·06	·24	–	–	–	·24	–	·01	trace	–	·19	23
24	trace	trace	·26	·03	–	·02	·03	–	·33	·04	trace	·29	24
25	·01	–	·01	trace	trace	·10	·01	–	–	·15	·22	–	25
26	·08	trace	·06	·02	trace	·15	·02	–	·02	·07	–	·16	26
27	·02	·10	·06	·01	–	–	·20	–	·01	·05	–	·25	27
28	·01	·09	·11	trace	·40	–	·23	·36	–	·23	–	·03	28
29	·01	✕	–	–	·25	–	–	·01	·65	·64	·09	·47	29
30	·04	✕	–	·09	–	–	·01	trace	·11	·01	·01	–	30
31	·01	✕	–	✕	–	✕	·01	·26	✕	·05	✕	·02	31
Total	2·19	2·77	2·20	0·54	1·70	0·40	2·43	1·76	1·93	1·83	1·84	5·66	YEAR'S TOTAL 25·45 25·25
Rain Days. (·01 or more)	25	19	19	11	13	7	20	14	12	18	13	24	195

W. 8,000. X. 15.

~~W.~~ E.B.E. 46

REGISTER OF RAINFALL IN 1918

FORM A. BRITISH RAINFALL. 11·1·19

Kept at Bent's Park, South Shields.
in the County of Durham
by the Medical Officer of Health.

Lat. 55°·0'N Long. 1°·25'W
Time of Observation 9am
Nearest Railway Station South Shields
Diameter of Funnel of Rain Gauge 5 ins.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 36·22 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·02	·03	·02	·02	·03	-	-	-	·02	·09	·25	·03	1
2	·04	·04	-	·04	-	-	-	-	·025	·005	·005	·18	2
3	·12	-	·02	·005	·04	-	-	Trace	Trace	·05	·18	·005	3
4	·07	-	·01	-	·29	-	·01	·01	·005	·05	·04	·005	4
5	Trace	-	·11	Trace	·71	-	Trace	·06	-	·005	-	·015	5
6	-	·11	·005	·40	·01	·34	-	·005	Trace	·14	-	Trace	6
7	-	·08	Trace	·04	Trace	-	·005	-	Trace	·13	·14	Trace	7
8	-	Trace	·12	·005	-	-	·07	·01	·12	·15	·01	〃	8
9	·05	·17	Trace	·05	-	-	Trace	-	·05	·13	Trace	·01	9
10	·01	·04	·005	·01	-	-	·02	-	·57	·025	·005	Trace	10
11	·23	·09	Trace	·005	·29	-	·06	Trace	Trace	-	-	·11	11
12	-	·03	-	·085	·005	-	·07	Trace	·18	·12	Trace	·03	12
13	-	·03	Trace	·02	·09	-	·005	Trace	·06	·20	-	Trace	13
14	·01	-	-	·02	·005	-	·015	Trace	·37	·05	Trace	·10	14
15	-	-	-	·01	-	·06	·42	-	1·53	-	Trace	·47	15
16	-	-	·02	-	-	·03	·28	·18	·64	·005	Trace	·29	16
17	-	-	-	·005	·005	-	·14	·01	·03	·31	Trace	·12	17
18	·52	-	·07	·045	-	-	·16	-	·20	·09	-	·005	18
19	·38	-	Trace	·27	·005	-	·46	·11	·03	·45	Trace	Trace	19
20	·17	·02	-	-	·005	·04	·44	-	·15	·02	-	Trace	20
21	·17	·25	-	-	-	·02	·005	Trace	·09	·07	Trace	Trace	21
22	·02	·02	-	·02	·005	·005	·10	-	-	·005	·005	·42	22
23	·24	-	-	Trace	·20	-	·76	-	·01	-	·02	Trace	23
24	·01	-	-	-	·005	-	·04	·01	·24	·02	·01	·02	24
25	-	·03	·04	-	Trace	·01	·02	·18	Trace	-	Trace	·05	25
26	-	·01	-	-	-	-	·22	·01	·11	Trace	·13	·01	26
27	-	-	·01	-	·025	·05	·02	·25	·06	Trace	Trace	·06	27
28	-	·02	·12	-	-	-	Trace	Trace	Trace	-	·005	·22	28
29	-	·09	·005	-	-	-	-	·02	·25	-	Trace	·28	29
30	-	X	·13	·01	-	-	-	-	·005	-	·01	·66	30
31	-	X	·25	X	-	X	-	·05	X	-	X	·02	31
Total	2·06	1·06	·935 0·94	1·06	1·42	·555 0·56	3·32 3·32	·905 0·90	4·745 4·75	2·115 2·11	0·81	3·01	YEAR'S TOTAL 22·30"
Rain Days.	15	16	~~13~~ 14	~~14~~ 16	~~10~~ 12	~~7~~ 8	~~18~~ 19	~~11~~ 13	21	~~17~~ 19	~~9~~ 11	~~19~~ 20	~~184~~ 190

W, 6,500, VII 18. w w c

3370

6 JAN 20

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

Kept at Bents Park, So. Shields,

in the County of Durham

by Health Department.
South Shields Town Council.

Lat. 55° 1' N Long. 1° 25' W
Time of Observation 9 am (or 10 am Summer time)
Nearest Railway Station South Shields.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 36·22 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·12	·08	-	-	·09	Trace	·28	-	·21	·07	·02	·04	1
2	~~·005~~ ·01	·03	-	-	Trace	-	·39	-	Trace	-	·10	Trace	2
3	·31	·02	-	-	·10	·06	·03	-	-	Trace	·28	-	3
4	·31	·25	-	-	·04	·04	·02	·03	-	-	·26	·07	4
5	·28	·20	-	-	·04	·05	·02	-	-	Trace	·23	·02	5
6	Trace	Trace	·14	-	·02	-	Trace	-	Trace	·03	·20	·04	6
7	-	-	·28	·03	·08	-	-	-	-	-	·08	·39	7
8	·09	Trace	·15	·06	·18	-	-	·12	-	·10	·18	·35	8
9	·02	Trace	·14	Trace	Trace	-	-	Trace	-	·03	·51	·02	9
10	Trace	Trace	·16	·02	·03	Trace	-	-	-	·14	·44	·08	10
11	·01	Trace	·08	-	·09	·03	Trace	-	·21	·04	·28	·03	11
12	Trace	-	·21	·04	-	-	·05	-	Trace	·12	·18	·02	12
13	·17	-	·23	·04	-	·11	·10	·14	-	·11	·06	·02	13
14	·08	-	·21	·32	-	-	-	-	-	·12	·14	·04	14
15	·37	·14	·05	·08	-	Trace	-	·09	-	·01	·03	·62	15
16	·02	·02	·02	·11	-	-	-	-	-	-	·02	·04	16
17	Trace	·04	-	·04	·04	-	-	-	-	-	·17	Trace	17
18	-	-	·15	-	·03	·03	·04	·14	Trace	Trace	Trace	·05	18
19	·03	·09	·26	·04	-	·17	·07	·03	·12	-	·05	Trace	19
20	·40	·32	·37	·02	-	·01	·02	Trace	·03	Trace	·02	·26	20
21	·06	·21	·34	-	-	·02	-	-	·05	·02	·03	Trace	21
22	Trace	·27	·35	Trace	-	·03	·11	·11	·02	·04	Trace	·09	22
23	·01	·03	·02	·04	-	·09	·06	·09	-	1·03	·01	Trace	23
24	·06	·02	·04	·02	-	·02	Trace	Trace	·01	·54	·22	·01	24
25	·20	·11	-	·14	-	·01	-	·57	·11	·28	·10	-	25
26	-	·14	·06	·06	-	·01	·05	·12	·03	·55	·62	·29	26
27	Trace	·04	Trace	·26	-	Trace	·02	-	Trace	1·05	·03	-	27
28	·16	·02	-	·16	Trace	-	-	·77	-	·76	·41	·38	28
29	·13		·01	·01	Trace	·06	-	Trace	·02	·48	·02	·05	29
30	·01		·15	·17	-	·25	-	·02	Trace	·22	Trace	·42	30
31	-		·01		·02		·13	-		·14		·21	31
TOTAL	2·85	2·03	3·43	1·66	0·76	0·99	1·39	2·23	0·81	5·88	4·69	3·49	YEAR'S TOTAL 30·2[illegible] 30.21
Days with ·01 in. or more	21	18	22	19	12	16	15	12	10	21	27	23	216

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

Ex'd 3249

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1920.

Kept at Bents Park, South Shields

in the County of Durham

by Public Health Department, South Shields Corporation (Dr. W. Campbell Lyons Medical Officer of Health)

Lat. 55° 0' N. Long. 1° 25' W

Time of Observation 9-0 A.M.

Nearest Railway Station South Shields

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

" " " " Sea Level 36·22 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	-	·04	·27	·55	Trace	·13	-	Trace	·32	-	-	1
2	-	Trace	·36	·26	Trace	-	·27	Trace	·03	·06	-	·22	2
3	·03	·04	Trace	·06	-	·12	·16	·43	·02	·38	-	·26	3
4	·02	Trace	-	·05	·06	Trace	·31	·81	Trace	·97	-	·19	4
5	-	Trace	-	·02	·12	-	·36	·05	·05	Trace	-	·02	5
6	-	·01	·13	Trace	·11	-	·15	·02	Trace	-	Trace	Trace	6
7	·07	·01	·03	Trace	Trace	-	·06	-	-	-	Trace	·04	7
8	Trace	-	-	·03	·15	-	·34	·02	-	Trace	·09	Trace	8
9	·13	·02	·02	·23	-	-	·02	·11	Trace	Trace	Trace	-	9
10	·72	·21	·04	·47	-	-	·04	Trace	Trace	-	-	·02	10
11	·09	Trace	·01	·12	·28	Trace	Trace	-	Trace	-	-	·16	11
12	·29	-	Trace	·35	·01	Trace	Trace	-	·04	Trace	·08	·38	12
13	·12	·02	·02	·04	-	-	-	-	·02	Trace	·12	·15	13
14	Trace	-	·38	·07	-	-	·09	Trace	·04	·06	·20	·05	14
15	-	·07	·06	·04	-	-	Trace	-	-	Trace	·06	Trace	15
16	·02	-	·02	·02	·05	-	·39	-	·17	Trace	Trace	-	16
17	-	-	Trace	-	·09	-	·03	·29	·07	Trace	-	-	17
18	·21	·13	Trace	Trace	·08	-	·04	Trace	·25	Trace	-	·01	18
19	·01	·38	-	·10	Trace	·09	Trace	Trace	Trace	-	Trace	Trace	19
20	·14	·06	Trace	·12	-	·04	-	-	·22	-	Trace	·01	20
21	·01	·03	Trace	·15	-	-	·09	·36	·09	-	Trace	·03	21
22	·04	-	-	·10	-	-	·09	Trace	-	-	Trace	-	22
23	·03	Trace	·08	·06	-	-	·23	-	Trace	Trace	Trace	·14	23
24	·08	-	·51	·02	-	Trace	·01	-	-	-	-	·03	24
25	·02	·02	·01	·01	-	Trace	·37	-	·02	Trace	-	-	25
26	·11	·02	·47	Trace	-	-	·02	-	Trace	Trace	-	Trace	26
27	-	Trace	Trace	·16	·56	·32	·01	-	-	Trace	·24	·02	27
28	·12	·01	·31	·11	Trace	·03	Trace	-	-	-	·04	·37	28
29	Trace	-	·03	Trace	·88	Trace	·03	-	Trace	Trace	·10	·68	29
30	·28		·02	-	·03	Trace	Trace	-	·23	-	·04	·07	30
31	·09		Trace		Trace		·06	-		·02		·13	31
TOTAL	2·63	1·03	2·54	2·86	2·97	0·60	3·30	2·09	1·25	1·81	0·97	2·98	YEAR'S TOTAL 25·03
Days with ·01 in. or more	21	14	18	23	13	5	23	8	13	6	9	20	173
Days with ·04 in. or more	14	6	10	18	11	4	17	6	9	5	9	13	122

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

3511

3532 DURHAM.

SEAHAM

DALTON PUMPING STN

1918 - 20

FORM A.
BRITISH RAINFALL.

REGI

Kept at Dalton Pu ... m.

in the County of Du ... murton

by The Sunderland ...

...auge 8 in.

...Ground 1 ft. — in.

...Sea Level 344·75 ft.

SUNDERLAND & SOUTH SHIELDS WATER CO.
7 FEB 1918

IMPORTANT NOT... he result entered to the previous day. If an O... rsal rule, he is earnestly requested to add the rea... in the space provided for it at the end of this paragraph. Full instructions ... ent of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·00	·03	00	·05	00	·08	00	·35	82	00	·17	00	1
2	·12	00	00	·18	00	00	00	·29	00	00	00	00	2
3	00	00	·02	·27	00	00	·02	00	·01	·06	·02	00	3
4	00	00	·02	·02	00	00	·00	·03	00	00	·07	00	4
5	00	00	·04	·40	00	00	00	·02	00	·05	·02	00	5
6	00	00	00	·06	00	00	00	·01	00	·17	·05	00	6
7	·62	00	·02	·00	00	·03	00	·12	00	·20	·00	·09	7
8	·15	00	·01	·12	·03	00	00	·88	·01	·44	·08	00	8
9	·50	00	00	·01	00	00	00	·17	·01	·11	·30	·03	9
10	·17	·03	·75	·15	·06	00	00	·26	·00	·21	·31	00	10
11	·13	08	00	·03	·22	·01	00	·21	00	·08	00	00	11
12	·27	03	·02	·07	·16	00	00	·02	00	·02	00	·08	12
13	·31	00	00	·02	·35	·25	00	43.	·16	·10	00	00	13
14	18	00	·01	·11	1.24	00	00	·16	00	·16	00	·05	14
15	·22	00	00	·03	·07	00	·01	·22	00	00	00	·19	15
16	·17	00	00	·16	·00	00	00	·04	·01	·01	00	·62	16
17	·10	02	00	·11	·21	00	·02	·32	·01	00	00	·30	17
18	·03	00	00	·14	·29	00	·14	·13	·02	00	00	·05	18
19	·10	·11	·30	·00	·28	·05	00	00	·00	00	00	00	19
20	·11	·24	·04	·03	·00	00	00	·10	07	00	·19	·19	20
21	·00	·22	·10	·00	00	00	00	·03	00	00	00	00	21
22	·00	·00	·17	·00	00	·02	00	·05	00	·07	00	00	22
23	·02	·06	00	·00	·08	·02	00	·12	00	00	00	00	23
24	·02	·01	·01	·02	·00	00	·31	00	00	·39	·17	·05	24
25	·00	·02	·06	·00	00	·20	00	00	·07	·06	00	·27	25
26	·00	00	·22	·00	·00	·12	00	·65	·30	·09	·05	·17	26
27	·01	·00	·15	·00	00	·01	·45	·75.	00	·04	00	·40	27
28	·00	00	·05	·00	00	00	·03	·50	00	·01	00	·02	28
29	·00		00	·00	00	00	·02	·14	00	24	00	·02	29
30	·02	✕	·03	·00	00	00	00	00	00	·05	·07	·16	30
31	·10	✕	·35	✕	00	✕	02	00	✕	·00	✕	·15	31
Total	3·35	·85	2.37	1.98	2.99	·79	1.02	6·00	1.49	2.56	1.50	2.84	YEAR'S TOTAL 27·74
Rain Days.	20	11	19	19	11	10	9	25	11	20	12	17	184

W. 8,000, IX. 17.

N

35

REGI

FORM A.
BRITISH RAINFALL.

Kept at Dalton Pumping Station

in the County of Durham

by The Sunderland & South Shields Water Co.

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Murton

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 344.75 ft.

SUNDERLAND & SOUTH SHIELDS WATER CO.
7 FEB 1918

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·00	·03	00	·05	00	·08	00	·35	82	00	·17	00	1
2	·12	00	00	·18	00	00	00	·29	00	00	00	00	2
3	00	00	·02	·27	00	00	·02	00	·01	·06	·02	00	3
4	00	00	·02	·02	00	00	·00	·03	00	00	·07	00	4
5	00	00	·04	·40	00	00	00	·02	00	·05	·02	00	5
6	00	00	00	·06	00	00	00	·01	00	·17	05	00	6
7	·62	00	·02	·00	00	·03	00	·12	00	·20	·00	·09	7
8	·15	00	·01	·12	·03	00	00	·88	·01	·44	·08	00	8
9	·50	00	00	·01	00	00	00	·17	·01	·11	·30	·03	9
10	·17	·03	·75	·15	·06	00	00	·26	·00	·21	·31	00	10
11	·13	08	00	·03	·22	·01	00	·21	00	·08	00	00	11
12	·27	03	·02	·07	16	00	00	·02	00	·02	00	·08	12
13	·31	00	00	·02	·35	·25	00	43	·16	·10	00	00	13
14	18	00	·01	·11	1.24	00	00	·16	00	16	00	·05	14
15	·22	00	00	·03	·07	00	·01	·22	00	00	00	·19	15
16	·17	00	00	·16	·00	00	00	·04	·01	·01	00	·62	16
17	·10	02	00	·11	·21	00	·02	·32	·01	00	00	·30	17
18	·03	00	00	·14	·29	00	·14	·13	·02	00	00	·05	18
19	·10	·11	·30	·00	·28	·05	00	00	·00	00	00	00	19
20	·11	·24	·04	·03	·00	00	00	·10	07	00	·19	·19	20
21	·00	·22	·10	·00	00	00	00	·03	00	00	00	00	21
22	·00	·00	·17	·00	00	·02	00	·05	00	·07	00	00	22
23	·02	·06	00	·00	·08	·02	00	·12	00	00	00	00	23
24	·02	·01	·01	·02	·00	00	·31	00	00	·39	·17	·05	24
25	·00	·02	·06	·00	00	·20	00	00	·07	·06	00	·27	25
26	·00	00	·22	·00	00	·12	00	·65	·30	·09	·05	·17	26
27	·01	·00	·15	·00	00	·01	·45	·75	00	·04	00	·40	27
28	·00	00	·05	·00	00	00	·03	·50	00	·01	00	·02	28
29	·00		00	·00	00	00	·02	·14	00	·24	00	·02	29
30	·02	X	·03	·00	00	00	00	00	00	·05	·07	·16	30
31	·10	X	·35	X	00	X	02	00	X	·00	X	·15	31
Total	3·35	·85	2.37	1.98	2.99	·79	1.02	6·00	1.49	2.56	1.50	2.84	YEAR'S TOTAL 27·74
Rain Days.	20	11	19	19	11	10	9	25	11	20	12	17	184

W. 8,000, IX. 17.

Exc B.L.

13

REGISTER OF RAINFALL IN 1918

FORM A.
BRITISH RAINFALL

5. 2. 19

Kept at Dalton Waterworks

in the County of Durham.

by Sland & So. Shields Water Co.

Lat. 54·49·00 N. Long 1·21·34 W.

Time of Observation 9 a.m.

Nearest Railway Station Murton

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 344·75 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.08	.00	.03	.01	.02	00	00	00	.33	.11	.30	.02	1
2	.12	.03	.00	.06	01	00	00	00	09	00	00	.21	2
3	.02	00	.05	00	00	00	00	00	00	.19	.18	00	3
4	00	.01	.11	00	.40	00	00	.07	00	.06	.12	.05	4
5	00	00	.16	.01	.76	00	.03	.07	00	.03	.01	.01	5
6	01	.20	1.01	.35	01	.17	.00	.11	00	.33	00	.01	6
7	05	10	.00	.03	00	00	.11	.00	00	.04	.18	.00	7
8	00	00	.13	00	00	00	.08	.06	.09	.03	.02	00	8
9	00	.19	00	.07	00	00	.01	00	.59	12	00	.02	9
10	00	00	.03	.06	00	00	.05	00	.02	01	00	01	10
11	.20	.16	.03	.07	.30	00	.06	00	.01	00	00	.08	11
12	00	.09	.00	.08	00	00	.02	.01	.03	.36	00	.05	12
13	00	.01	00	.11	.06	00	00	00	.03	.09	00	00	13
14	02	.00	.01	.11	00	.02	.04	00	.45	00	00	00	14
15	04	00	.00	.02	00	.03	.60	00	1.47	00	00	.60	15
16	00	00	.03	.00	00	.02	.24	.24	.36	.01	00	.41	16
17	.17	00	00	.01	.02	.00	.35	00	.01	.38	00	.20	17
18	.58	00	.07	.08	00	.01	.06	.02	.32	37	00	.06	18
19	.34	.01	.02	.29	00	.00	.39	.11	.00	.61	.01	00	19
20	.12	.35	00	.07	.07	.03	.41	00	.10	.13	00	00	20
21	.24	.00	00	.01	.03	.01	.04	00	.23	.18	00	00	21
22	.01	00	00	.02	.02	.00	.04	00	.00	00	00	.33	22
23	.18	00	00	.01	.15	00	1.03	00	.02	00	.02	00	23
24	00	.01	00	.01	00	.02	.08	.01	.10	.02	00	00	24
25	00	.00	.04	.01	00	.01	.07	.13	.07	00	00	.03	25
26	01	00	.00	00	00	.00	.16	.14	.18	.01	.06	00	26
27	00	.01	.08	00	.02	00	.01	.40	.17	00	.01	.07	27
28	00	.15	.17	00	00	.02	.00	00	00	00	00	.33	28
29	00	X	.02	00	00	.00	00	00	.35	00	00	.22	29
30	01	X	.03	00	00	00	00	00	.06	00	.08	.35	30
31	00	X	.26	X	00	X	00	00	X	00	X	.02	31
Total	2.20	1.32	1.28	1.49	1.87	.34	3.88	1.37	5.08	3.08	.99	3.08	YEAR'S TOTAL 25.98
Rain Days.	17	13	18	21	13	10	21	12	22	19	11	20	197

W. 6,500. VII. 18. W W C

3340

REGISTER OF RAINFALL IN 1919

FORM A.
BRITISH RAINFALL.

Kept at Dalton Pumping Station

in the County of Durham.

by Sunderland & South Shields Water Coy.

Lat. 54° 49' 00" N Long. 1° 21' 34" W

Time of Observation 9 am.

Nearest Railway Station Murton.

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 344·75 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·14	·06	00	00	·15	00	·24	00	·16	·03	·11	·03	1
2	·00	·02	00	00	00	00	·02	00	00	00	·13	00	2
3	·40	00	00	00	·12	·04	·04	00	·01	00	·25	·01	3
4	·46	·24	·20	00	·10	·01	·02	00	00	00	·18	·02	4
5	[illegible]	·16	00	00	00	·02	·02	00	00	00	·04	·02	5
6	·01	00	·12	00	·02	00	00	00	00	·02	·18	·10	6
7	·01	00	·50	00	·10	00	00	00	00	00	·01	·31	7
8	·15	00	00	·06	·20	00	00	·08	00	·10	·32	·18	8
9	·04	00	·15	00	00	00	00	00	00	·01	·16	00	9
10	·00	00	·02	00	·01	00	00	00	00	·18	·40	·06	10
11	·01	00	·40	00	·15	00	·03	00	·46	·11	·05	·00	11
12	00	00	·32	·02	00	00	·02	00	·11	·14	·04 ·13	·00	12
13	·02	00	·12	·05	00	·15	·23	·19	00	·23	·36	·00	13
14	·10	·02	·04	·34	00	00	00	·02	00	·04	·04	·04	14
15	·21	·32	·05	·13	00	00	00	·06	00	00	·08	·69	15
16	·02	·06	00	·01	00	00	00	00	00	00	·15	00	16
17	·00	·05	00	·05	·08	00	00	·01	00	00	00	·00	17
18	·00	00	·03	00	·01	00	·03	·18	00	00	·20	·06	18
19	·04	·18	·65	·04	00	·03	·03	·09	·18	00	·00	·02	19
20	·35	·25	·02	00	00	·01	·04	00	00	00	·03	·25	20
21	·12	·21	·05	00	00	·20	00	·02	·08	00	·02	·06	21
22	·00	·05	·04	00	00	·02	·14	00	·01	00	·05	·04	22
23	·01	·01	·03	·01	00	·30	·02	·06	00	1·16	·13	·00	23
24	·01	00	·00	·08	00	·04	·01	00	·02	·69	·21	·01	24
25	·06	·15	00	·10	·01	·01	00	·56	·02	·01	·39	00	25
26	·00	·11	·12	·02	·00	·01	00	·14	·16	·28	·21	·30	26
27	·01	·08	00	·26	00	·02	·02	00	·09	1.55	·19	00	27
28	·03	·01	00	·14	00	00	·01	·84	00	·46		·25	28
29	·20	✕	00	·02	00	·04	00	00	00	·50	·00	·11	29
30	·01	✕	·09	·22	00	·20	00	00	00	·23	·04	·34	30
31	·10	✕	·01	✕	·01	✕	·15	00	✕	·15	✕	·11	31
Total	2·85	1·98	2·99	1·61	·96	1·16	1·10	2·28	1·30	5·95	4·16	3·04	YEAR'S TOTAL 29·38
Rain Days.	24	14	19	16	12	15	14	12	11	18	24	21	209

W. 8,000. X. 15.

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

29 JAN 1921

REGISTER OF RAINFALL IN 1920.

Kept at Dalton Pumping Station

in the County of Durham

by The Sunderland & South Shields Water Coy.

Lat. 54°·49'·00" N Long. 1°·21'-34" W.

Time of Observation 9 am.

Nearest Railway Station Murton

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. – in.

" " " " Sea Level 344·45 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	00	00	·14	·38	·68	·01	·12	00	00	·24	00	00	1
2	00	00	·15	·18	·05	00	·40	00	00	·15	00	·30	2
3	00	00	00	·29	00	·10	1.68	·02	·10	·36	00	·33	3
4	·03	00	00	·03	·02	00	·54	·43	·10	1.05	·03	·28	4
5	00	00	·01	·02	·16	00	·25	·10	00	·02	00	·05	5
6	00	00	·21	·02	·04	00	·14	00	·10	00	00	·10	6
7	00	·01	00	00	00	00	·10	00	00	00	00	·08	7
8	·01	·01	00	·10	·18	00	·25	00	00	03	·18	·01	8
9	·15	00	00	·36	00	00	·03	·15	·13	00	00	00	9
10	·82	·19	·03	·64	00	00	·02	00	00	00	00	·05	10
11	·22	00	·00	·28	·28	00	00	00	00	00	00	·20	11
12	·15	00	·02	·48	00	00	00	00	00	00	·05	·51	12
13	·14	00	·02	·02	00	00	·08	00	·03	00	·12	·23	13
14	·03	·06	·65	·12	00	00	00	00	·03	·18	·05	·05	14
15	00	·04	·26	·12	00	00	·39	00	00	·24	·05	·10	15
16	00	00	00	·04	00	00	00	00	·14	00	00	00	16
17	00	00	00	00	·14	00	00	·19	·04	·05	00	·05	17
18	·22	·10	·03	00	·24	00	·30	·04	·12	00	00	00	18
19	·00	·55	00	·05	00	·03	00	·08	·04	00	00	00	19
20	·13	·03	00	·04	00	·06	00	00	00	00	00	00	20
21	00	00	00	·18	00	00	·15	·44	·25	00	00	·02	21
22	·03	00	00	·11	00	00	·15	00	00	00	00	·00	22
23	00	00	·08	·05	00	00	·36	00	00	00	00	·15	23
24	·03	00	·60	00	00	00	·08	·01	·01	00	00	·01	24
25	00	·06	·14	00	·01	·02	·52	00	00	00	00	00	25
26	00	·02	·65	·03	·01	00	·24	00	00	00	00	00	26
27	·15	00	·03	·08	·49	·38	·01	00	00	·03	·24	00	27
28	·46	00	·38	·05	·01	·09	·06	00	00	00	·04	·29	28
29	·11	00	·06	00	·93	·02	·04	00	·02	00	·03	·42	29
30	·04		00	00	·22	60	·00	00	·31	00	·12	·06	30
31	·10		00		·01		·02	00		00		·15	31
TOTAL	2·85	1.10	3·49	3·40	3·80	·41	6·23	1·49	1·42	2·41	·94	3·44	YEAR'S TOTAL 31·91
Days with ·01 in. or more	14	10	14	23	16	8	23	9	14	10	10	21	148
Days with ·04 in. or more	12	6	11	18	11	4	19	4	10	4	8	18	131

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

SEAHAM HARBOUR

DURHAM

1911

FORM A
BRITISH RAINFALL
2 AN 1912

Kept at Seah

in the County of

by G A

in

ound Ø1 ft. — in.

a Level 150 ft.

ame North eastern

stance 600 yds Direction N

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·050						·050	·052			·032		1
2	·300				·020		·265			·102		·050	2
3	·010		·090	·060						·270	·064		3
4	·134		·125	·186	·060			·260			·060	·270	4
5	·090		·010	·010				·140		·126			5
6	·120		·056	·090	·030			·030		·103		·260	6
7				·020							·140		7
8			·269		·010	·070				·052	·080	·065	8
9				·020								·200	9
10	·016	·040		·010		·100					·120	·360	10
11	·326								·155		·190	·050	11
12	·272		·090		·110	·085			·834		·200		12
13		·154	·370		·100	·050					·070	·350	13
14		·306	·280		·030				·032			·360	14
15			·110		·460					·050	·030	·305	15
16			·390			·050	·100					·023	16
17			·086			·170					·260	·180	17
18		·078	·050	·050				·070			1·330	·060	18
19			·030			·025		·312	·040	·330	·660	·050	19
20		·085		·020			·260	·750			·080	·218	20
21		·122		·030				·360			·126		21
22	·198										·090		22
23	·045	·225				1·070			·100			·100	23
24		·011				1·570				·180		·020	24
25		·110				·640	·025		·060	·255			25
26				·050		·010		·020	·010	·550	·555		26
27		·034	·020		·030			·190	·115	·030	·060	·015	27
28			·015	·230				·050		·155		·090	28
29				·370	·010		·200	·020	·615	·060		·025	29
30			·030	·140	·090			·016	·080	·105		·100	30
31										·020	·020	·040	31
Total	1·555	1·165	2·021	1·286	·950	3·840	·900	2·270	2·041	2·388	4·167	3·191	TOTAL for year 25·774
No. of Rain Days.	11	10	16	14	11	11	6	13	10	15	19	22	158

W. 8,000, X. '11.

FORM A2
BRITISH RAINFALL
2 JAN 1912

REGISTER OF RAINFALL IN 1911

Kept at Seaham Harbour

in the County of Durham

by G Hart

RAIN GAUGE
Pattern Meteorological Office
Diameter of top 8 in.
Height of top above Ground 1 ft. — in.
" " " Sea Level 150 ft.

Time of Observation 9 am

Nearest Railway Station
Name North Seaham
Distance 600 yds Direction N

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·050						·050	·052			·032		1
2	·300				·020		·265			·102		·050	2
3	·010		·090	·060						·270	·064		3
4	·134		·125	·186	·060			·260			·060	·270	4
5	·090		·010	·010				·140		·126			5
6	·120		·056	·090	·030			·030		·103		·260	6
7				·020							·140		7
8			·269		·010	·070				·052	·080	·065	8
9				·020								·200	9
10	·016	·040		·010		·100					·120	·360	10
11	·326								·155		·190	·050	11
12	·272		·090		·110	·085			·834		·200		12
13		·154	·370		·100	·050					·070	·350	13
14		·306	·280		·030				·032			·360	14
15			·110		·460					·050	·030	·305	15
16			·390			·050	·100					·023	16
17			·086			·170					·260	·180	17
18		·078	·050	·050				·070			1·330	·060	18
19			·030			·025		·312	·040	·330	·660	·050	19
20		·085		·020			·260	·750			·080	·218	20
21		·122		·030				·360			·126		21
22	·198										·090		22
23	·045	·225				1·070			·100			·100	23
24		·011				1·570				·180		·020	24
25		·110				·640	·025		·060	·255			25
26				·050		·010		·020	·010	·550	·555		26
27		·034	·020		·030			·190	·115	·030	·060	·015	27
28			·015	·230				·050		·155		·090	28
29				·370	·010		·200	·020	·615	·060		·025	29
30			·030	·140	·090			·016	·080	·105		·100	30
31										·020	·020	·040	31
Total	1·555	1·165	2·021	1·286	·950	3·840	·900	2·270	2·041	2·388	4·167	3·191	TOTAL for year 25·774
No. of Rain Days.	11	10	16	14	11	11	6	13	10	15	19	22	158

W. 8,000, X. '11.

SEDGEFIELD

HARDWICK HALL

DURHAM

1915 - 1920

FORM A2.
BRITISH RAINFALL.
JAN 1916

REG ... 5

Kept at Hardwick ... e (Howards) ... 5 in.

... Ground ... ft. 3 ... in.

in the County of Du ... Sea Level 400 ft.

by Viscountess ... m

Name Sedgefield

Distance 1 Direction S.W.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·15	·24			·09			·11	·53		·10	·16	1
2	·05	·31	·37	·03		·12	·12	·21	·05		·23	·11	2
3	·52	·01	·09	·08		·01	·03				·37	·71	3
4	·15	·01	·01		·03		·29	·02			·10	·82	4
5	·07	·05			·02					·09	·03	·72	5
6	·04	·38	·15	·06			·14		·06			·12	6
7	·15	·33	·12			·01	·92	·17	·03				7
8	·03	·09	·07				·22	·11			·10		8
9	·01	·03					·22	·04		·01	·02	·61	9
10	·28		·07				·01	·33				·17	10
11	·06	·22	·01	·02	·72		·03	·01			·03	·09	11
12	·20	·08		·16	·07		·22	·01		·12	·02	·04	12
13	·01	·17			·04		·06	·05					13
14		·40		·02	·03		·01	·15				·02	14
15	·15	·07					·19	·25		·04	·01	·09	15
16	·03	·09					·77	·10		·26	·04	·01	16
17	·06	·20	·03				·03		·04		·	·20	17
18		·22	·78							·14	·08	·07	18
19		·14	·05				·06		·14	·27		·01	19
20	·02				·02				·02	·07		·48	20
21	·27			·12	·05		·02	·01		·01		·03	21
22	·01						·06					·18	22
23	·25	·28	·02	·01			·30			·02		·11	23
24			·19	·10					·38	·11		·25	24
25						·13			·03	·08	·07	·02	25
26	·02	·02	·08	·01	·01	·15	·01		·05	·02	·10	·17	26
27	·01	·08	·01				·05		·39	·21		·75	27
28		·03	·06		·47		·27	·37	·29	·27		·04	28
29	·01				·27			·06		·01	·13	·58	29
30	·06			·14			·10			·01	·01	·01	30
31	·08						·01	·41		·03		·10	31
Total	2·69	3·45	2·11	0·75	1·82	·42	4·14	2·81 2·41	2·01	1·77	2·44	6·67	TOTAL for year ~~29·98~~ 30·68
No. of Rain Days	25	22	16	10	12	5	23	17	12	18	16	28	204

9,000, IX. '10.

REGISTER OF RA 5

FORM A2.
BRITISH RAINFALL.
JAN 1916

Kept at Hardwick Hall, Sedgefield
in the County of Durham
by Viscountess Boyne

RAIN GAUGE
Pattern Bottle (Howards)
Diameter of top 5 in.
Height of top above Ground ft. 3[illegible] in.
" " " Sea Level 400 ft.

Time of Observation 9 a.m

Nearest Railway Station
Name Sedgefield
Distance 1 Direction S.W.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·15	·24			·09			·11	·53		·10	·16	1
2	·05	·31	·37	·03		·12	·12	·21	·05		·23	·11	2
3	·52	·01	·09	·08		·01	·03				·37	·71	3
4	·15	·01	·01		·03		·29	·02			·10	·82	4
5	·07	·05			·02					·09	·03	·72	5
6	·04	·38	·15	·06			·14		·06			·12	6
7	·15	·33	·12			·01	·92	·17	·03				7
8	·03	·09	·07				·22	·11			·10		8
9	·01	·63					·22	·04		·01	·02	·61	9
10	·28		·07				·01	·33				·17	10
11	·06	·22	·01	·02	·72		·03	·01			·03	·09	11
12	·20	·08		·16	·07		·22	·01		·12	·02	·04	12
13	·01	·17			·04		·06	·05					13
14		·40		·02	·03		·01	·15				·02	14
15	·15	·07					·19	·25		·04	·01	·09	15
16	·03	·09					·77	·10		·26	·04	·01	16
17	·06	·20	·03				·03		·04			·20	17
18		·22	·78							·14	·08	·07	18
19		·14	·05				·06		·14	·27		·01	19
20	·02				·02				·02	·07		·48	20
21	·27			·12	·05		·02	·01		·01		·03	21
22	·01						·06					·18	22
23	·25	·28	·02	·01			·30			·02		·11	23
24			·19	·10					·38	·11		·25	24
25						·13			·03	·08	·07	·02	25
26	·02	·02	·08	·01	·01	·15	·01		·05	·02	·10	·17	26
27	·01	·08	·01				·05		·39	·21		·75	27
28		·03	·06		·47		·27	·37	·29	·27		·04	28
29	·01				·27			·06		·01	·13	·58	29
30	·06			·14			·10			·01	·01	·01	30
31	·08						·01	·41		·03		·10	31
Total	2·69	3·45	2·11	0·75	1·82	·42	4·14	2·41 2·41	2·01	1·77	2·44	6·67	TOTAL for year ~~29·98~~ 30·68
No. of Rain Days	25	22	16	10	12	5	23	17	12	18	16	28	204

9,000, IX. '10.

W DL corr by own stats

3657

FORM A.
BRITISH RAINFALL

9 JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Hardwick Hall

in the County of Durham

by Viscountess Boyne

Lat. 54 3/4 Long. 1 1/2
Time of Observation 9 a.m.
Nearest Railway Station Sedgefield N.E.R.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground ft. 3 in.
" " " " Sea Level about 400 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·13	·01	·25			·19	·29		·13		·06		1
2	·01	·03	·21			·01			·97	·04	·01	·02	2
3		·07	·14	·09		·03	·14		·08	·14	·14		3
4	·02	·12	·05	·01	·53	·26				·49	·26		4
5		·07	·24		·34	·05				·40	·21		5
6		·18	·20	·03	·42	·02	·20			·05	·15	·24	6
7			·16		·23	·14	·52				·02		7
8			·26		·01	·10							8
9			·08		·03	·08						·10	9
10	·01	·01	·16			·25	·09				·02	·50	10
11	·02	·33	·26	·07	·01	·15	·20		·05			·14	11
12		·02	·46	~~·07~~	·39	·03	·53						12
13		·03	·26		·13	·01	·13	·25	·05	·28		·11	13
14		·22	·08	·02	·05	·05		·21		·09			14
15		·18	·55				·08	1·02					15
16		·04	·30	·07	·01		·05	·03		·02		·25	16
17	·05		·01	·09	·05			·14	·16	·12	·12		17
18		·37	·01	·75			·05	·31	·21	·10	·80	·08	18
19	·06		·08	·47		·04		·04			·42	·10	19
20	·03		·17	·09			·28	·27			·10	·04	20
21		·05	·10	·11	·11						·01		21
22	·01	·18	·02	·09		·05			·10	·07			22
23		·01	·07			·10					·02	·24	23
24		·01		·02		·19		·18		·07	·12	·01	24
25		·08	·09					·48		·18	·01	·04	25
26	·19	·32	·01		·06	·02		·26		·01			26
27		·42	·01							·13	·01		27
28	·02	·11	·01		·14			·02				·21	28
29		·38						·01		·11		·01	29
30		✕			·04		·05			·36			30
31	·01	✕		✕	·01	✕			✕	·10	✕		31
Total	·56	3·24	4·24	1·61	2·56	1·77	2·61	3·22	1·75	2·76	2·48	2·09	YEAR'S TOTAL 28·89
Rain Days.	12	23	27	~~14~~ 13	17	19	13	13	8	18	17	15	196

W. 8,000, VIII. 16

3505

REGISTER OF RAINFALL IN 1917

FORM A. BRITISH RAINFALL.

74 JAN

Kept at Hardwick Hall

in the County of Durham

by Viscountess Boyne

Lat. 54 3/4 Long. 1 1/2

Time of Observation 9 a.m

Nearest Railway Station 1 mile

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground — ft. 3 in.

" " " " Sea Level 400 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·01		·18		·12		·40	·39		·14		1
2	·05			·30		·02		·31	·02		·02		2
3				·23		·01	·03	·02		·06			3
4			·06	·27				·04			·01		4
5	·02		·10							·02	·05	·01	5
6			·01								·02		6
7	·79		·03			·09		·85		·28			7
8	·35		·03	·18	·01	·10		·94		·44	·06	·04	8
9	·36		·01	·03		·09		·45		·03	·24	·02	9
10	·13		·89	·32	·08			·12		·15	·20	·05	10
11	·14	·08		·12	·06			·44		·04			11
12	·20	·07		·19	·11			·04		·16		·06	12
13	·26			·01	·03	·13		·40	·11	·03		·01	13
14	·41		·03	·03	·52			·02				·09	14
15	·21			·05	·22			·65	·02	·01		·04	15
16	·08			·30	·01		·06	·09				·21	16
17	·09	·02		·15	·04			·25	·06				17
18	·15			·05	·20		·24	·17				·03	18
19	·18	·14	·19		·10	·04						(·48)	19
20	·01	·34	·08	·04		·26			·10		·12	·22	20
21	·09	·23	·22	·01				·03					21
22		·01	·26			·01		·09					22
23	·03	·02			·06	·02		·08		·02			23
24	·01	·01	·03				·12	·02		·28	·24		24
25		·03	·04			·25		·03		·06			25
26			·23			·23	·01		·28	·05	·02	·03	26
27	·02		·22			·11	·45	·59		·01		·35	27
28	·04		·11			·01	·04	·50		·03		·07	28
29	·07				·01		·01	·03		·31			29
30	·03	╳	·06							·08	·01	·14	30
31	·10	╳	·17	╳		╳			╳		╳	·20	31
Total	3·82	·96	2·77	2·46	1·45	1·49	·96	6·56	·98	2·06	1·13	2·01	YEAR'S TOTAL 26·65
Rain Days.	24	11	19	17	13	15	8	24	7	18	12	17	185

W. 8,000, IX. 17.

W. E. F. E. Cov. for auth. 7

REGISTER OF RAINFALL IN 1918

FORM A. BRITISH RAINFALL.

13.1.19

Kept at Hardwick Hall
in the County of Durham
by Viscountess Boyne

Lat. 54 3/4 Long. 1 1/2
Time of Observation 9 a.m
Nearest Railway Station Sedgefield
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground ft. 3 in.
" " " " Sea Level 400 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·02	·06	·09						·38	·11	·21	·06	1
2			·07							·02		·15	2
3			·06							·15	·28		3
4	·12		·02		·31			·08		·17	·12	·06	4
5			·16	·04	·43		·02	·33		·06	·04	·03	5
6		·12		·29				·22		·08		·04	6
7		·14		·07		·17	·04		·03	·04	·22		7
8			·17				·10		·12				8
9	·16	·37	·02	·12		·02	·02			·26		·02	9
10			·01	·02			·24		·48		·02		10
11	·23	·09	·03	·01	·29		·04					·09	11
12		·24		·02			·03		·09	·08		·02	12
13		·01		·09	·11				·06	·06			13
14	·09			·04		·11	·03		·35				14
15				·11		·02	·29		1·17			·68	15
16			·02				·38	·17	·57			·19	16
17				·01	·01		·32		·10	·16		·06	17
18	·48		·04	·02		·03	·19		·34	·21		·15	18
19	·62		·10	·21			·29	·16	·04	·36			19
20	·12			·29		·04	·57		·05	·06			20
21	·20					·05	·10		·19	·06			21
22	·3			·01	·02	·02	·18					·29	22
23	·11				·26		·28						23
24		·02					·09		·25	·03	·03		24
25			·01		·02		·14	·27					25
26			·01				·11	·15	·29		·14	·03	26
27		·02	·04		·02	·02		·37	·19			·31	27
28		·12	·29						·09		·02	·16	28
29			·09						·34			·29	29
30		×	·04						·04		·04	·09	30
31		×	·29	×		×			×		×		31
Total	2·18	1·19	1·56	1·35	1·47	·48	3.46 ~~3·47~~	1·75	5·17	1·91	1·12	2·72 2·82	YEAR'S TOTAL ~~24·47~~
Rain Days.	11 ✓	10 ✓	19 ✓	15 ✓	9 ✓	9 ✓	20 ✓	8 ✓	20 ✓	16 ✓	10 ✓	18	165 ✓

24.36

W. 6,500, VII. 18. W W C

28 FEB 20

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919

Kept at Hardwick Hall

in the County of Durham

by Viscountess Boyne

Lat. 54 3/4 Long. 1 1/2

Time of Observation 9 a.m.

Nearest Railway Station Sedgefield N.E.R

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground ft. 3 in.

„ „ „ „ Sea Level 400 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·12	·05		·06			·45	·02	·22	·02	·23	·03	1
2		·03					·51				·12		2
3	·24			·02	·07	·11	·12				·23	·04	3
4	·55	·01	·02		·14	·04	·01	·02	·05		·17	·02	4
5	·17	·06	·21		·05						·09	·01	5
6		·19	·17								·22	·03	6
7	·01		·20	·03	·07						·02	·12	7
8	·14		·02		·14						·29	·26	8
9	·09		·09							·02	·23		9
10			·08	·03	·03					·12	·15	·10	10
11			·56		·19				·17	·05	·14		11
12			·41	·07		·02	·02		·09	·21	·08		12
13	·10		·25	·04		·03	·32		·01	·19	·15		13
14	·12		·02	·42				·21		·02	·17		14
15	·14		·11	·11							·09	·69	15
16	·03	·09		·06				·02			·14		16
17		·08		·07							·35		17
18							·03	·28				·11	18
19	·05	·12	·22				·05	·16			·04	·03	19
20	·35	·31	·02			·02	·07		·07		·01	·03	20
21	·10	·18	·11			·24			·04		·03	·14	21
22		·14				·04	·17					·05	22
23				·04		·20		·02		·77	·03		23
24	·03		·08	·05		·07				·65	·20		24
25	·05	·14		·05	(·02) ~~·25~~	·04		·59			·05		25
26		·18	·10	·04		·02		·26	·04	·28	·48	·28	26
27	·06	·08		·19						·94	·26	·03	27
28	·05			·48				·89		1·19	·14	·39	28
29	·36		·03	·02		·06				1·08		·12	29
30			·02	·12		·19				·39	·04	·30	30
31	·11		·06							·19		·09	31
TOTAL	2·87	1·66	2·78	1·90	·71	1·08	1·75	2·47	·69	6·22	4·15	2·87	YEAR'S TOTAL 29·05
Days with ·01 in. or more	20	14	20	18	8	13	10	10	8	15	27	20	183

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

Exd WMD

3213

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

2 FEB 1921

REGISTER OF RAINFALL IN 1920.

Kept at Hardwick Hall

in the County of Durham

by ~~Sedgefield village~~

Lat. 54 3/4 Long. 1 1/2

Time of Observation 9 a.m

Nearest Railway Station Sedgefield 1 mile

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground ft. 3 in.

" " " " Sea Level 400 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·04	·32	·74		·32			·18			1
2			·15	·24	·04				·34	·37		·28	2
3		·04		·17		·06	1·06	·02	·11	·26		·26	3
4	·04			·05			·28	·66		·93		·46	4
5			·02		·09		·16	·11	·07	·03		·07	5
6			·11	·08	·06		·07					·05	6
7	·03						·15					·08	7
8				·09	·05		·06	·02		<2	·29		8
9	·05		·01	·29			·18	·61	·05				9
10	·98	·04	·06	·52			·07	·03				·04	10
11	·28			·18	·29		·02					·11	11
12	·20		·03	·41			·05		·03		·03	·54	12
13	·12			·04								·12	13
14	·62	·07	·12	·19			·11		·09		·35	·09	14
15		·08	·64	·23			·07			·84	·02	·04	15
16				·02			·53		·19			·03	16
17					·14		·03	·08	·11	·08			17
18	·15	·04	·02		·23	·24	·02	·04	·09				18
19		·33		·12				·09					19
20	·11			·05		·09			·04				20
21				·19			·16	·57	·12			·02	21
22	·04			·10			·04						22
23			·05	·03			·29				·33	·16	23
24	·06		·56	·11			·04				·06	·03	24
25		·11	·16	·02			·35	·02			·02		25
26	·03	·02	·54	·01			·06						26
27	·19		·03	·10	·52	·46						·06	27
28	·14		·34	·04		·04						·27	28
29	·54		·10		·96	·04	·08					·48	29
30	·06	×	·04		·34				·27		·12	·09	30
31	·12	×		×	·04	×	·05		×		×	·19	31
TOTAL	3·16	·73	3·02	3·60	3·50	·93	4·25	2·25	1·51	2·69	1·22	3·47	YEAR'S TOTAL 30·33
Days with ·01 in. or more	18	8	18	24	12	6	24	11	12	7	8	21	169
Days with ·04 in. or more	15	7	13	20	12	6	21	7	11	~~7~~ 6	5	18	~~142~~ 1

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

141

3530 — Durham.

SHOTTON

NEW WINNING P. S.

1918, - 20

1919 1926-27

R 18.

FORM A.
BRITISH RAINFALL

5. 2. 19

Kept at Shotto

in the County of

by Sunderland

g. 1·21·42"W.

9 a.m.

n Wellfield Junction

Rain Gauge 8. in.

above Ground 1 ft. 0 in.

„ Sea Level 422 ft.

IMPORTANT and the result entered to the previous day. If universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Director, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·00	·00	·05	·02	00	·00	00	00	·23	·08	·15	·10	1
2	·06	·04	·02	09	00	00	00	00.	00	00	00	·15	2
3	00	00	·05	00	00.	00	00	·01	·02	15	·10	00	3
4	00	00	·06	00	·27	00	00	·10.	·04	·07	·06	·05	4
5	00	00.	·17	00.	·40.	00.	00	·24	00	·01	00	·03	5
6	·02	·13.	00	·30	·00	·01	00.	·25	00	·16	00	·02	6
7	·02	·12	00	00	00	04	·08	00.	00	00	00	00	7
8	·00	00	·15	00.	00	00	·06	·02	·05	·04	·02	00.	8
9	·01	·24	00.	·05	00	·01	00	00	·37	·13	·01	·03	9
10	·02	00	·05	·05	00	·00.	·08	00	00	00	00	·00	10
11	·20.	·12	·03	·02	·25	·00	00	00	00	00	00	·13	11
12	·00	·13	00	·07	00	00	00	00	00	·19	00	·04	12
13	00	·02	00.	00.	·08	00	00	00	·02	·05	00	00	13
14	·03	00	00	·15	·00	·06	·03	00	·27	·02	00	00	14
15	00	00	00.	02	00	00	·50	00	·91	00	00	·40.	15
16	00.	00	·03.	00	00	·02	·30	·15	·32	00	00	·17	16
17	·10	00	00	00	·01	00	·45	01	·03	·17	00	·13	17
18	·56	00	·03	·02	·00	·03	·18	00	·26	·27	00	00	18
19	·25	00	·02	·11	00	·00	·34	·11	·00	·35	00	00	19
20	09	·40.	00.	·02	·03	00	·34	00	·09	·10	00	00	20
21	·18	·00	00	·20	·04	00	·07	00	·09	·13	00	00	21
22	02	00	00	·01	·01	04	·03	00	00	·00	00	·50	22
23	07	00	00	·00	·25	00	1·10.	00	00	00	·02	00	23
24	00	00	00	·01	·00	00	·02	·04	00	·02	·00	00	24
25	00	00	·02	·00	00	00	·11	·15	00	00	·07	·05	25
26	00	00	00	·00	00.	00	·11	·02	·16	00	·06	00	26
27	00	·04	·03	·00	·02.	00	·01	·50.	·13	00	·02	00	27
28	00	·11	·30	·00	00	00	00	00	00	00	00	·35	28
29	00		·02	·00	00	00	00	00	·18	00	00	·12	29
30	00		·03	·00	00	00	00	00	·15	00	·01	·13	30
31	00		·26.		00		00.	02		00		00	31
Total	1.63	1.35	1.32	1.14	1.36	·21	3·81	1.62	3·32	1.94	·52	2·40	YEAR'S TOTAL 20·62
Rain Days.	14	10	17	15	10	7	17	13	17	16	10	16	162

W, 6,500, VII. 18. W W C

REGISTER OF RAINFALL IN 1918.

FORM A.
BRITISH RAINFALL.

5.2.19

Kept at Shotton waterworks
in the County of Durham
by Sunderland & So. Shields Water Compy.

Lat. 54°44'41"N. Long. 1°21'42"W.
Time of Observation 9 a.m.
Nearest Railway Station Wellfield Junction
Diameter of Funnel of Rain Gauge 8. in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 422 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·00	·00	·05	·02	00	·00	00	00	·23	·08	·15	·10	1
2	·06	·04	·02	09	00	00	00	00.	00	00	00	·15	2
3	00	00	·05	00	00.	00	00	·01	·02	·15	·10	00	3
4	00	00	·06	00	27	00	00	·10.	·04	·07	·06	·05	4
5	00	00.	·17	00.	·40	00.	00	·24	00	·01	00	·03	5
6	·02	·13.	00.	·30	·00	·01	00.	·25	00	·16	00	·02	6
7	·02	·12	00	00	00	04	·08	00.	00	00	00	00	7
8	·00	00	·15	00.	00	00	·06	·02	·05	·04	·02	00.	8
9	·01	·24	00.	·05	00	·01	00	00	·37	·13	·01	·03	9
10	·02	00	·05	·05	00	·00.	·08	00	00	00	00	·00	10
11	·20.	·12	·03	·02	·25	·00	00	00	00	00	00	·13	11
12	·00	·13	00.	·07	00	00	00	00	00	·19	00	·04	12
13	00	·02	00.	00.	·08	00	00	00	·02	·05	00	00	13
14	·03	00	00	·15	·00	·06	·03	00	·27	·02	00	00	14
15	00	00	00.	02	00	00	·50	00	·91	00	00	·40.	15
16	00.	00	·03.	00	00	·02	·30	·15	·32	00	00	·17	16
17	·10	00	00	00	·01	00	·45	01	·03	·17	00	·13	17
18	·56	00	·03	·02	·00	·03	·18	00	·26	·27	00	00	18
19	·25	00	·02	·11	00	·00	·34	·11	·00	·35	00	00	19
20	09	·40.	00.	·02	·03	00	·34	00	·09	·10	00	00	20
21	·18	·00	00	·20.	·04	00	·07	00	·09	·13	00	00	21
22	02	00	00	·01	·01	04	·03	00	00	·00	00	·50	22
23	07.	00	00	·00	·25	00	1.10.	00	00	00	·02	00	23
24	00	00	00	·01	·00	00	·02	·04	00	·02	·00	00	24
25	00	00	·02	·00	00	00	·11	·15	00	00	·07	·05	25
26	00	00	00	·00	00.	00	·11	·02	·16	00	·06	00	26
27	00	·04	·03	·00	·02.	00	·01	·50.	·13	00	·02	00	27
28	00	·11	·30	·00	00	00	00	00	00	00	00	·35	28
29	00	X	·02	·00	00	00	00	00	·18	00	00	·12	29
30	00	X	·03	·00	00	00	00	00	·15	00	·01	·13	30
31	00	X	·26.	X	00	X	00.	02	X	00	X	00	31
Total	1.63	1.35	1.32	1.14	1.36	·21	3·81	1.62	3·32	1.94	·52	2·40	YEAR'S TOTAL 20·62
Rain Days.	14	10	17	15	10	7	17	13	17	16	10	16	162

W, 6,500, VII. 18. w w c

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

10 JUN 1921

Kept at Shotton Pumping Station

in the County of Durham

by The Sunderland & So. Shields Water Coy.

Lat. 54° 44′ 41″ N. Long. 1° 21′ 42″ W

Time of Observation 9 a.m.

Nearest Railway Station Wellfield Junction

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 422 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			12	·38	·44	00	·36	00	00	·20	00	00	1
2			·09	·23	·04	00	·30	00	00	·16	00	·40	2
3			00	·34	·03	00	2·30	·03	·12	·20	00	·52	3
4			00	·04	00	00	·42	·60	·11	1·19	00	·43	4
5			·02	00	·08	00	·16	·14	·01	00	00	·05	5
6			·11	·02	·03	00	·08	00	·05	00	00	·11	6
7			00	00	·00	00	·08	00	00	·01	00	·06	7
8			·00	·09	·09	00	·22	·02	00	00	15	00	8
9			·01	·38	00	00	·13	·11	·11	00	00	00	9
10			·05	88	00	00	·04	00	00	00	00	·03	10
11			·01	·22	·28	·03	·01	00	00	·01	00	00	11
12			·02	·46	00	00	·02	00	00	·00	00	·69	12
13			·01	·02	02	00	·10	00	00	·02	00	·15	13
14			·16	·14	00	00	·03	00	·09	·18	·09	·10	14
15			·25	·24	00	00	·35	00	00	·45	·03	·05	15
16			00	·05	00	00	00	00	·13	·01	00	00	16
17			00	00	·14	00	·06	·18	·05	·08	00	·02	17
18			·01	00	·16	·06	·08	·04	·08	00	00	00	18
19			00	·11	00	·01	00	·08	·03	00	00	00	19
20			00	·05	00	·08	00	00	00	00	·01	00	20
21			00	·08	00	00	·11	·50	·26	00	00	00	21
22			00	·09	00	·02	·10	00	00	00	00	00	22
23			·06	00	00	00	·33	00	00	00	·02	·20	23
24			·44	·05	00	00	·02	00	00	00	00	·02	24
25			·12	·01	00	00	·29	00	·02	00	00	00	25
26			·60	·03	·01	00	·23	00	00	00	00	·02	26
27			·02	·05	·93	·45	00	00	00	00	·31	·05	27
28			·45	·04	·01	·05	·09	00	00	00	·03	·25	28
29			·05	00	·64	·01	·04	00	00	·02	·05	·62	29
30			·02	·04	·35	·00	·00	00	·39	00	·14	·04	30
31			·00		·02		·02	00		00		·20	31
Total	(4·20)	(1·50)	2·62	4·04	3·63	·41	6·00	1·43	1·45	2·83	·83	4·04	Year's Total (33·61)
Days with ·01 in. or more			20	24	16	8	26	9	13	12	9	20	...
Days with ·04 in. or more			12	20	10	4	21	4	10	4	5	16	...

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

SOUTH SHIELDS
MUNICIPAL BUILDINGS
DURHAM
1916 - 17

FORM A.
BRITISH RAINFALL.
24 SEP 1917

RE

5' W.

Kept at Municipa

m.

uth Shields

in the County of D

uge 5" in.

by Medical O

round 1 ft. – in.

ea Level 36·22 ft.

IMPORTANT e result entered to the previous day. If a sal rule, he is earnestly requested to add the in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
(–)

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.		*Date.*
1	·02	·01	·30	-	-	·02	·11	-	-	·02	·07	-	~~·55~~	1
2	·10	·02	·13	-	-	·05	·28	-	·01	-	·02	-	~~·61~~	2
3	·02	-	·03	-	-	·13	·01	-	·10	·06	-	·04	~~·39~~	3
4	trace	trace	·08	·10	-	·03	-	·05	·82	·15	·06	·01	~~1·30~~	4
5	-	·08	·11	·03	·62	·16	·27	-	·02	·60	·29	-	~~2·18~~	5
6	·04	·04	·13	-	·14	·20	-	-	-	·26	·28	-	~~1·09~~	6
7	-	·07	·07	·13	·31	·01	·04	-	-	·05	·16	-	~~·84~~	7
8	-	·01	·07	·05	·12	·53	·34	-	-	·04	-	·30	~~1·46~~	8
9	-	-	·02	trace	·04	trace	·04	·01	-	-	-	trace	~~·11~~	9
10	-	-	·04	-	-	trace	·21	-	-	trace	-	·42	~~·67~~	10
11	·20	·01	·02	-	-	·03	·04	-	-	·05	-	·43	~~·78~~	11
12	·02	·35	·28	·15	·01	·06	·25	-	·05	·02	-	·36	~~1·55~~	12
13	trace	-	·26	trace	·21	·01	·64	·04	-	-	-	·32	~~1·48~~	13
14	—	·02	·30	·02	·02	-	·14	·10	-	·24	·08	·37	~~1·29~~	14
15	-	·06	·02	-	·07	·03	-	·16	-	·01	-	·11	~~·46~~	15
16	trace	·18	·32	-	trace	-	·03	·02	-	·02	-	-	~~·57~~	16
17	-	-	·21	·14	-	-	·11	·15	-	-	-	·13	~~·74~~	17
18	·08	-	·01	·04	·02	-	trace	·06	·14	·09	·10	-	~~·54~~	18
19	trace	·24	trace	·18	-	-	·02	·16	·09	·05	·86	·06	~~1·66~~	19
20	·03	-	·13	·22	-	-	—	·01	·04	-	·43	·04	~~·90~~	20
21	·01	-	·07	·15	-	-	·43	·15	-	-	·18	·06	~~1·05~~	21
22	·02	·09	·05	·02	·07	-	trace	-	-	—	-	-	~~·25~~	22
23	·01	·05	·01	·07	-	·09	-	·01	-	·03	·04	trace	~~·31~~	23
24	-	-	·02	trace	-	·05	trace	·17	-	·01	-	·30	~~·55~~	24
25	-	-	trace	·02	-	·27	-	·23	-	·07	-	-	~~·59~~	25
26	-	·05	·10	trace	·04	·07	-	·50	-	·19	·34	·05	~~1·34~~	26
27	·21	·17	·02	-	·03	·01	-	·22	-	·01	·01	trace	~~·68~~	27
28	-	·14	-	-	-	trace	-	·55	·01	·22	-	·05	~~·97~~	28
29	-	05	-	trace	·10	·02	-	·03	·02	·07	-	·21	~~·50~~	29
30	-	X	-	-	-	-	-	-	-	·07	-	·07	~~·14~~	30
31	-	X	-	X	·01	X	·08	-	X	·07	X	·06	·22	31
	·01 ✓	·30 ✓	– ✓	– ✓	·02 ✓	·11 ✓	- ✓	- ✓	·02 ✓	·07 ✓	– ✓	(– ✓)	YEAR'S TOTAL	
Total	~~·76~~	~~1·64~~	~~2·80~~	~~1·32~~	~~1·81~~	~~1·77~~	~~3·04~~	~~2·62~~	~~1·30~~	~~2·40~~	~~2·92~~	~~3·39~~	~~25·77~~ ✓	
Rain Days.	·75 12 ✓	1·93 18 ✓	2·50 ✓ 24	1·32 14	1·83 16	1·86 18 ✓	2·93 16	2·62 ✓ 18 ✓	1·32 ✓ 11	2·45 23 ✓	2·85 13	3·39 ✓ 19	25·15 ✓ 202	

W. 8,000, VIII. 16

RI

FORM A.
BRITISH RAINFALL.
24 SEP 1917

Kept at Municipal Bldgs. So. Shields
in the County of Durham
by Medical Officer of Health

Lat. 55 0 N. Long. 1 25 W.
Time of Observation 9 a.m.
Nearest Railway Station South Shields
Diameter of Funnel of Rain Gauge 5" in.
Height of top of Gauge above Ground 1 ft. - in.
" " " " Sea Level 36.22 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. (-)

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.		*Date.*
1	·02	·01	·30	-	-	·02	·11	-	-	·02	·07	-	~~·55~~	1
2	·10	·02	·13	-	-	·05	·28	-	·01	-	·02	-	~~·61~~	2
3	·02	-	·03	-	-	·13	·01	-	·10	·06	-	·04	~~·39~~	3
4	trace	trace	·08	·10	·	·03	-	·05	·82	·15	·06	·01	~~1·30~~	4
5	-	·08	·11	·03	·62	·16	·27	-	·02	·60	·29	-	~~2·18~~	5
6	·04	·04	·13	-	·14	·20	-	-	-	·26	·28	-	~~1·09~~	6
7	-	·07	·07	·13	·31	·01	·04	-	-	·05	·16	-	~~·84~~	7
8	-	·01	·07	·05	·12	·53	·34	-	-	·04	-	·30	~~1·46~~	8
9	-	-	·02	trace	·04	trace	·04	·01	-	-	-	trace	~~·11~~	9
10	-	-	·04	-	-	trace	·21	-	-	trace	-	·42	~~·67~~	10
11	·20	·01	·02	-	-	·03	·04	-	-	·05	-	·43	~~·78~~	11
12	·02	·35	·28	·15	·01	·06	·25	-	·05	·02	-	·36	~~1·55~~	12
13	trace	-	·26	trace	·21	·01	·64	·04	-	-	-	·32	~~1·48~~	13
14	-	·02	·30	·02	·02	-	·14	·10	-	·24	·08	·37	~~1·29~~	14
15	-	·06	·02	-	·07	·03	-	·16	-	·01	-	·11	~~·46~~	15
16	trace	·18	·32	-	trace	-	·03	·02	-	·02	-	-	~~·57~~	16
17	-	-	·21	·14	-	-	·11	·15	-	-	-	·13	~~·74~~	17
18	·08	-	·01	·04	·02	-	trace	·06	·14	·09	·10	-	~~·54~~	18
19	trace	·24	trace	·18	-	-	·02	·16	·09	·05	·86	·06	~~1·66~~	19
20	·03	-	·13	·22	-	-	-	·01	·04	-	·43	·04	~~·90~~	20
21	·01	-	·07	·15	-	-	·43	·15	-	-	·18	·06	~~1·05~~	21
22	·02	·09	·05	·02	·07	-	trace	-	-	-	-	-	~~·25~~	22
23	·01	·05	·01	·07	-	·09	-	·01	-	·03	·04	trace	~~·31~~	23
24	-	-	·02	trace	-	·05	trace	·17	-	·01	-	·30	~~·55~~	24
25	·	·	trace	·02	-	·27	-	·23	-	·07	-	-	~~·59~~	25
26	-	·05	·10	trace	·04	·07	-	·50	-	·19	·34	·05	~~1·34~~	26
27	·21	·17	·02	-	·03	·01	-	·22	-	·01	·01	trace	~~·68~~	27
28	-	·14	-	-	-	trace	-	·55	·01	·22	-	·05	~~·97~~	28
29	·	05	-	trace	·10	·02	-	·03	·02	·07	-	·21	~~·50~~	29
30	-	X	-	·	-	·	-	-	-	·07	-	·07	~~·14~~	30
31	-	X	-	X	·01	X	·08	-	X	·07	X	·06	·22	31
	·01	·30	-	-	·02	·11	-	-	·02	·07	-	(-)	YEAR'S TOTAL	
Total	~~·70~~	~~1·64~~	~~2·80~~	~~1·32~~	~~1·81~~	~~1·77~~	~~3·04~~	~~2·62~~	~~1·30~~	~~2·40~~	~~2·92~~	~~3·39~~	~~25·77~~	
Rain Days.	·75 12	1·93 18	2·50 24	1·32 14	1·83 16	1·86 18	2·93 16	2·62 18	1·32 11	2·45 23	2·85 13	3·39 19	25·15 202	

W. 8,000, VIII. 16

3545

FORM A.
BRITISH RAINFALL.
4 MAR 1918

REGISTER OF RAINFALL IN 1917

Kept at South Shields
in the County of Durham.
by Medical Officer of Health

Lat. 55·0N Long. 1° 25' W
Time of Observation 9 a.m.
Nearest Railway Station South Shields
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 35 ft ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following. (·20)

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	~~Date.~~
1	–	·05	–	·64	·05	trace	–	–	–	–	·31	·05	1
2	–	·11	–	·83	–	·06	–	·29	·82	trace	–	trace	2
3	·08	trace	trace	·21	–	·09	–	·8	–	–	–	trace	3
4	–	trace	trace	·20	–	·04	trace	–	trace	–	·17	–	4
5	–	·03	·14	trace	–	–	trace	–	trace	trace	·13	–	5
6	–	–	trace	·06	·06	–	–	·1	trace	·24	–	·05	6
7	–	–	·04	·03	–	–	–	·1	trace	–	·01	–	7
8	·65	–	–	trace	–	–	–	·2	–	·04	–	·03	8
9	·11	–	·06	·31	–	–	–	·19	–	·84	·03	trace	9
10	·21	·02	–	trace	–	–	–	·11	–	trace	·22	·11	10
11	·23	trace	·54	·28	·11	–	–	·38	–	·21	·14	–	11
12	·08	·04	·04	·18	·07	trace	–	·2	–	trace	–	–	12
13	·11	trace	·03	trace	·22	–	–	trace	–	trace	–	·08	13
14	·19	–	trace	–	·35	·25	trace	·83	–	·55	–	trace	14
15	·15	trace	trace	·11	·36	–	·04	·08	–	·24	–	·07	15
16	·17	–	–	trace	·16	–	·11	·14	trace	·01	·02	·03	16
17	trace	–	–	·23	–	–	·66	·08	·27	trace	–	–	17
18	·08	·04	–	·18	·16	·08	·07	·69	·03	–	–	·17	18
19	·03	·04	–	·14	·21	–	·23	·09	·06	–	–	·05	19
20	·06	·12	·19	–	·35	–	·46	–	·08	–	–	·01	20
21	·06	·06	trace	·09	–	·07	–	·17	·12	·04	–	·18	21
22	–	·21	·10	–	·07	–	–	·08	–	–	·02	·05	22
23	trace	trace	·09	trace	trace	–	–	·05	·07	·08	–	–	23
24	·02	trace	·27	trace	trace	–	–	·12	trace	–	·02	trace	24
25	trace	trace	–	–	–	–	·24	trace	–	trace	·24	·02	25
26	·02	trace	·10	–	·04	·31	trace	–	–	–	–	·03	26
27	trace	–	·18	–	–	–	–	·24	·12	·04	–	·34	27
28	·02	–	·22	–	–	·06	·45	1·24	·08	–	–	·12	28
29	trace		·04	–	–	–	trace	·51	trace	–	–	·15	29
30	·04	X	·07	–	–	–	·06	·76	·06	·22	–	·04	30
31	·10	X	–	X	–	X	–	·22	X	–	X	·05	31
	·05	–	·64	·05	–	–	–	–	–	·31	·05	(·20)	YEAR'S TOTAL
Total	~~2·41~~	~~·72~~	~~2·11~~	~~3·49~~	~~2·21~~	~~·96~~	~~2·32~~	~~6·41~~	~~1·71~~	~~2·51~~	~~1·31~~	~~1·63~~	~~27·79~~
	2·46	·67	2·75	2·90	2·16	·98	2·32	6·41	1·71	2·82	1·05	1·78	27·99
Rain Days.	~~19~~	~~10~~	~~15~~	14	~~13~~	8	9	24	10	~~11~~	11	19	~~163~~
	20	9	16		12					12			164

W. 8,000, IX. 17.

REC

FORM A. BRITISH RAINFALL.

Kept at Spr 5' W 3.1.19

in the County of D worth

by P Gla

SPRINGWELL

DURHAM

1918

5 in.

und 1 ft. 6 in.

Level 400 ft.

IMPORTANT N result entered to the previous day. If an rule, he is earnestly requested to add the the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	No record taken				·03	-	-	-	·18	·13	·18	·03	1
2					-	-	-	-	·02	-	·07	-	2
3					·01	-	-	·02	-	·04	·21	-	3
4					·19	-	-	·13	-	·1	-	-	4
5					·45	-	·02	·03	-	·07	-	·01	5
6					-	·26	-	·07	-	·08	-	1·0	6
7					-	-	·01	-	·02	·07	-	-	7
8					-	-	·08	-	·1	·06	-	-	8
9					-	·03	-	-	·46	·13	·18	·3	9
10					-	-	·07	-	·02	·07	·07	·18	10
11					·29	-	-	-	-	-	·07	1·2	11
12					-	-	·21	·03	·04	·04	-	1·0	12
13					·12	-	-	-	·07	·27	-	-	13
14					-	-	·02	-	·46	·02	·03	-	14
15					-	·03	·5	-	1·16	-	·02	-	15
16					-	-	·31	-	·51	-	-	-	16
17					·03	·04	·32	·16	·15	·46	-	-	17
18					-	-	·01	-	·18	·15	·04	-	18
19					-	·01	·46	-	·05	·54	·07	·08	19
20					·01	-	·26	·11	·05	·11	-	·13	20
21					·04	-	·07	-	·18	·1	-	·26	21
22					-	-	·12	-	-	-	-	·04	22
23					·07	-	·41	-	·02	-	-	·07	23
24					-	·04	·09	-	·16	-	·07	-	24
25					-	·02	·08	·17	·03	-	·02	-	25
26					·01	-	·16	-	·18	-	·14	-	26
27					-	-	-	-	·02	-	-	-	27
28					-	·04	-	·26	·08	-	·03	·07	28
29					-	-	-	-	·24	-	-	·23	29
30		X			-	-	-	-	·02	-	·07	·07	30
31		X		X	-	X	-	·07	X	-	X	-	31
Total	-	-	-	-	1·25	·47	3·14	·93	4·34	2·26	·91	2·49	YEAR'S TOTAL 17·79
Rain Days.	-	-	-	-	11	8	18	10	24	17	15	15	*118

*Observations only commenced on May 1.

W. 8,000, IX. 17.

REC

FORM A.
BRITISH RAINFALL.

23-1 19

Kept at Springwell

in the County of Durham

by P Gladwell

Lat. 54 56 Long. 1 35' W

Time of Observation 9 a.m.

Nearest Railway Station Usworth

Diameter of Funnel of Rain Gauge 5 in. "

Height of top of Gauge above Ground 1 ft. 6 in.

" " " " Sea Level 400 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1					·03	-	-	-	·18	·13	·18	·03	1
2					-	-	-	-	·02	-	·07	-	2
3					·01	-	-	·02	-	·04	·21	-	3
4					·19	-	-	·13	-	·1	-	-	4
5					·45	-	·02	·03	-	·07	-	·01	5
6					-	·26	-	·07	-	·08	-	1·0	6
7					-	-	·01	-	·02	·07	-	-	7
8					-	-	·08	-	·1	·06	-	-	8
9	No record taken				-	·03	-	-	·46	·13	·18	·3	9
10					-	-	·07	-	·02	·07	·07	·18	10
11					·29	-	-	-	-	-	·07	1·2	11
12					-	-	·21	·03	·04	·04	-	1·0	12
13		:	:	:	·12	-	-	-	·07	·27	-	-	13
14					-	-	·02	-	·46	·02	·03	-	14
15					-	·03	·5	-	1·16	-	·02	-	15
16					-	-	·31	-	·51	-	-	-	16
17					·03	·04	·32	·16	·15	·46	-	-	17
18					-	-	·01	-	·18	·15	·04	-	18
19		:	:	:	-	·01	·46	-	·05	·54	·07	·08	19
20					·01	-	·26	·11	·05	·11	-	·13	20
21					·04	-	·07	-	·18	·1	-	·26	21
22					-	-	·12	-	-	-	-	·04	22
23					·07	-	·41	-	·02	-	-	·07	23
24		:	:	:	-	·04	·09	-	·16	-	·07	-	24
25					-	·02	·08	·17	·03	-	·02	-	25
26					·01	-	·16	-	·18	-	·14	-	26
27					-	-	-	-	·02	-	-	-	27
28					-	·04	-	·26	·08	-	·03	·07	28
29					-	-	-	-	·24	-	-	·23	29
30		X			-	-	-	-	·02	-	·07	·07	30
31		X		X	-	X	-	·07	X	-	X	-	31
Total	-	-	-	-	1·25	·47	3·14	·93	4·34	2·26	·91	4·49	YEAR'S TOTAL 17·79
Rain Days.	-	-	-	-	11	8	18	10	24	17	15	15	*118

*Observations only commenced on May 1.

W. 8,000, IX. 17.

STANHOPE
PARSON BYERS. QY
DURHAM

1911-16, 18-20

04405

FORM A2.
BRITISH RAINFALL.
6 - JAN 1912

RE 11

Kept at Parson

in the County of

by Bell Bro

funnel

5 in.

ove Ground 6 ft. 7½ in.

Sea Level 846 ft.

9 am

Name Stanhope NERy
Distance ¾ mile Direction North

IMPORTANT NOTI ad the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.	-	.09	-	.	-	.07	.18	-	.	.10	.	1
2	.48	.	-	-	.12	.	-	.	-	.07	.02	.28	2
3	.03	.	.19	.05	.40	-	.04	-	-	.21	.16	.	3
4	.01	.	.02	.18	.06	-	.	.57	-	.05	.21	.15	4
5	.19	.	.03	.03	.	-	-	.30	-	.08	.05	.	5
6	.08	.	.13	-	.	.	.	.11	.	.02	.03	.52	6
7	.	.	-	.17	.	.	-	.	-	.	.27	.	7
8	.02	.	.14	-	.	.	.	.	-	.05	.25	.12	8
9	.	.	.	.03	.	.	.	.	-	.	.	.36	9
10	.15	.	.14	.06	.	-	-	.	.	.	.06	.61	10
11	.33	.	.04	.	.	-	-	.	.24	.	.15	.11	11
12	.17	.	.02	.	.04	.03	.	.	.75	.	.11	.07	12
13	.	.	.12	.	.19	.07	.	-	.01	.	.14	.37	13
14	.	-	.23	-	.47	.	.	.	.	.	.01	.55	14
15	.	.10	.24	.	-	.	.	.	.	.	.11	.05	15
16	.	.02	.37	.	.	.10	.	.	.	.04	.	.22	16
17	.	-	.15	.06	-	.70	-	-	.	.	.32	.19	17
18	.	.43	.30	.01	-	.01	-	.	.	.	.40	.24	18
19	.	.	.28	.16	-	.10	.	.20	.19	.15	.90	.35	19
20	.	.06	.01	.18	.	-	.09	.18	.	.	.07	.20	20
21	.	.21	-	.01	-	.	.	.77	.05	.15	.10	.	21
22	.56	.36	-	.06	-	.04	-	.02	-	.	.20	.	22
23	.	.19	.	.	-	1.13	-	.	.	.07	.	.27	23
24	.	.	.04	.01	-	1.88	.	.04	.	.15	.	.	24
25	.02	.20	.	.05	-	.17	-	.	.08	.25	.22	-	25
26	.	.01	.	.02	.03	.	-	.05	.	1.34	1.03	.21	26
27	.	.14	.06	.14	.	-	-	.11	.05	.03	.10	.	27
28	.	.08	.	.16	.	.	.	.08	.16	.	.	.14	28
29	.		.01	.29	.	.	.03	.	.53	.55	.		29
30	.		.06	-	.13	.	.	-	.33	.33	.		30
31			.		.16		.	.		.10			31
Total	2.04	1.80	2.67	1.60	1.60	4.23	.23	2.61	2.39	3.64	5.01	5.01	TOTAL for year 32.83
No. of Rain Days.	11	11	21	18	9	10	4	12	10	17	23	19	165

W. 8,000, X. '11.

04405

FORM A2. BRITISH RAINFALL.

6-JAN 1912

REGISTER OF RAINFALL IN 1911

Kept at Parson Byers Quarry

in the County of Durham 2

by Bell Brothers Limited

RAIN GAUGE
Pattern Copper funnel & glass bottle
Diameter of top 5 in.
Height of top above Ground 6 ft. 7½ in.
" " " Sea Level 846 ft.

Time of Observation 9 am

Nearest Railway Station
Name Stanhope N.E.Ry
Distance ¾ mile Direction North

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.	-	.09	-	.	-	.07	.18	-	.	.10	.	1
2	.48	-	-	-	.12	.	-	-	-	.07	.02	.28	2
3	.03	.	.19	.05	.40	-	.04	.	-	.21	.16	.	3
4	.01	.	.02	.18	.06	-	-	.57	-	.05	.21	.15	4
5	.19	-	.03	.03	.	-	-	.30	-	.08	.05	.	5
6	.08	.	.13	-	.	-	-	.11	.	.02	.03	.52	6
7	.	.	-	.17	.	-	-	-	-	.	.27	.	7
8	.02	.	.14	-	.	-	-	-	-	.05	.25	.12	8
9	.	.	.	.03	.	-	-	.	-	.	.	.36	9
10	.15	.	.14	.06	.	-	-	-	.	.	.06	.61	10
11	.33	.	.04	-	.	-	-	.	.24	.	.15	.11	11
12	.17	.	.02	-	.04	.03	.	.	.75	.	.11	.07	12
13	.	.	.12	-	.19	.07	:	-	.01	.	.14	.37	13
14	.	-	.23	-	.47	.	-	.	.	.	.01	.55	14
15	.	.10	.24	.	-	.	-	-	.	.	.11	.05	15
16	.	.02	.37	.	-	.10	-	.	.	.04	.	.22	16
17	.	-	.15	.06	-	.70	-	-	.	.	.32	.19	17
18	.	.43	.30	.01	-	.01	-	-	-	.	.40	.24	18
19	.	.	.28	.16	-	.10	.	.20	.19	.15	.90	.35	19
20	.	.06	.01	.18	.	-	.09	.18	.	.	.07	.20	20
21	.	.21	-	.01	-	-	-	.77	.05	.15	.10	.	21
22	.56	.36	-	.06	.	.04	-	.02	.	.	.20	.	22
23	.	.19	.	.	-	1.13	-	.	.	.07	.	.27	23
24	.	.	.04	.01	-	1.88	.	.04	.	.15	.	.	24
25	.02	.20	.	.05	-	.17	-	.	.08	.25	.22	-	25
26	.	.01	.	.02	.03	.	-	.05	.	1.34	1.03	.21	26
27	.	.14	.06	.14	.	-	-	.11	.05	.03	.10	.	27
28	.	.08	.	.16	.	-	.	.08	.16	.	.	.14	28
29	.		.01	.29	.	.	.03	-	.53	.55	.		29
30	.		.06	-	.13	.	-	-	.33	.33	.		30
31			.		.16		.	.		.10			31
Total	2.04	1.80	2.67	1.60	1.60	4.23	.23	2.61	2.39	3.64	5.01	5.01	TOTAL for year 32.83
No. of Rain Days.	11	11	21	18	9	10	4	12	10	17	23	19	165

W. 8,000, X. '11.

12 35746 REGIS 2

FORM A. BRITISH RAINFALL.

13 136 134

6 JAN 1913

Kept at Parson Byers 2°W.

9 am

in the County of Dur Stanhope.

5" in.

by Messrs Bell B above Ground 6 ft. 7½ in.

Sea Level 846 ft.

DURHAM

STANHOPE.

PARSON BYERS. QUARRY

1912 –

IMPORTANT NOTE. d the result entered to the previous day. If an Obser niversal rule, he is earnestly requested to add the reading ear in the space provided for it at the end of this p ement of rain, the selection and placing o British Rainfall Organization are given in " application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·25	·15		·04	·57	·08	·49	·05	·15		·10	1
2		·25	·39		·04	·44	·36						2
3	·13	·17	·04			·67		·83	·42			·15	3
4	·08		·42	·01		·61		·77			·02	·02	4
5			·03		·06	·24						·01	5
6	·41	·38				·02		·49					6
7	·08	·13			·17			·47	·27		·04	·04	7
8	·92	·12	·07	·04					·32		·08		8
9		·06	·12	·01		·08						·01	9
10	·10				·07	·37		·04			·16		10
11	·01	·28					·07	·10			·18	·05	11
12	·11	·27	·08			·19					·25	·26	12
13	·04	·03				·03				·15	·17	·28	13
14	·12					·09						·14	14
15	·06		·01		·61	·12						·52	15
16	·63		·05		·01	·07							16
17		·16	·35			·38		·21				·10	17
18	·07	·22	·07					·02					18
19	·11	·56	·09				·34	·43		·07	·03	·05	19
20	·09				·86	·04				·29			20
21	·06		·22		·13			·01				·11	21
22		·16	·04		·33	·19		·21					22
23	·04		·03		·01		·16	·60		·13	·15		23
24	·35				·12		·32	·13			·36	·18	24
25	·36					·92	·14	·63			·57		25
26	·09	·20						·06		1"·36	·03	·38	26
27		·01	·01			·46	1"·18	·01		·22		·61	27
28		·06					·82	·38		·35			28
29		·16	·29			·06	·09	·08	1"·35	·13		·13	29
30	·04		·13		·02	·06			·49	·31		·02	30
31			·14		·07		·61	·15				·09	31
Total	3"·90	3"·47	2"·73	0"·06	2"·54	5"·61	4"·17	6"·11	2"·90	3"·16	2"·04	3"·25	YEAR'S TOTAL 39"·94
Rain Days.	21	18	20	3	14	20	11	20	6	10	12	20	175

W. 7,500, XI. 12

12 35746 REGIS 2

Date 19

FORM A.
BRITISH RAINFALL.

13
6 JAN 1913
134

Kept at Parson Byers Quarry. Stanhope.
in the County of Durham. 2
by Messrs Bell Brothers Limited

Lat. 44° N. Long. 2° W.
Time of Observation 9 am
Nearest Railway Station Stanhope.
Diameter of Rain Gauge 5" in.
Height of top of Gauge above Ground 6 ft. 7½ in.
" " " " Sea Level 846 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·25	·15		·04	·57	·08	·49	·05	·15		·10	1
2		·25	·39		·04	·44	·36						2
3	·13	·17	·04			·67		·83	·42			·15	3
4	·08		·42	·01		·61		·77			·02	·02	4
5			·03		·06	·24						·01	5
6	·41	·38				·02		·49					6
7	·08	·13			·17			·47	·27		·04	·04	7
8	·92	·12	·07	·04					·32		·08		8
9		·06	·12	·01		·08						·01	9
10	·10				·07	·37		·04			·16		10
11	·01	·28					·07	·10			·18	·05	11
12	·11	·27	·08			·19					·25	·26	12
13	·04	·03				·03				·15	·17	·28	13
14	·12					·09						·14	14
15	·06		·01		·61	·12						·52	15
16	·63		·05		·01	·07							16
17		·16	·35			·38		·21				·10	17
18	·07	·22	·07					·02					18
19	·11	·56	·09				·34	·43		·07	·03	·05	19
20	·09				·86	·04				·29			20
21	·06		·22		·13			·01				·11	21
22		·16	·04		·33	·19		·21					22
23	·04		·03		·01		·16	·60		·13	·15		23
24	·35				·12		·32	·13			·36	·18	24
25	·36					·92	·14	·63			·57		25
26	·09	·20						·06		1"·36	·03	·38	26
27		·01	·01			·46	1"·18	·01		·22		·61	27
28		·06					·82	·38		·35			28
29		·16	·29			·06	·09	·08	1"·35	·13		·13	29
30	·04		·13		·02	·06			·49	·31		·02	30
31			·14		·07		·61	·15				·09	31
Total	3"·90	3"·47	2"·73	0"·06	2"·54	5"·61	4"·17	6"·11	2"·90	3"·16	2"·04	3"·25	YEAR'S TOTAL 39"·94
Rain Days.	21	18	20	3	14	20	11	20	6	10	12	20	175

W. 7,500, XI. 12

Ex SL

14 13 71556 671

BRITISH RAINFALL FORM A. 10 JAN 1914

REGISTER OF RAINFALL IN 1913.

Kept at Parson Byers Quarry Stanhope

in the County of Durham

by Messrs Bell Brothers Limited

Lat. 44° N. Long. 2° W

Time of Observation 9 am

Nearest Railway Station Stanhope N.E.R.

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 6 ft. 7½ in.

" " " " Sea Level 846. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·20	·08						·09	·07		1
2		·02	·49	·02						·03	·07		2
3	·10	·34	·02		·38		·34			·02		·50	3
4	·35	·02			·03	·26			·28	·31		·09	4
5	·41	·20				·15	·06		·02				5
6	·03.	·78	·77		·60		·88			·03	·05		6
7		·22			·20	·05				1·42			7
8		·11			1·00	·03		·21		·22	·15	01.	8
9		·05	·15		·11	·32							9
10	·02		·27	·07	17	·02				·07	·35		10
11	1·35			·17		·16				·03	·13		11
12						·03	·02		·80		·06		12
13			·07	·05					·20	·03			13
14	·13		·08	·17.			·11			·03	·10		14
15	·10		·52	·71			·02				·10		15
16			·05	·07							·03		16
17				·03							·43		17
18			45	·31		·12					·06		18
19	·29			·02					1·12	·04	·10		19
20	1·48	·07.	·24	·13					44	·20	42		20
21	·11	·01	12										21
22	·04		1·68					·21					22
23			·01					·06	13		·04		23
24	·30					·30					·02		24
25				·07					31			·15	25
26				·84					1·00		02	·62	26
27			·09	·76						·28			27
28	·32		·43	·44						·01		·33	28
29			·72	48				1·15		·02		12	29
30	·25		·03							·13			30
31	·02							·02					31
Total	5"·30.	1"·82	6"·39.	4"·42	2"·49	1"·44	1"·43.	1"·65	4"·30	2"·96	2"·20	1"·82	YEAR'S TOTAL 36"·22
Rain Days.	16.	10	19	17	7	10	6.	5	9	17.	17	7.	140

W.7,000, XI. 13

Ex MT

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.

11 JAN 1915

Kept at Parson Byers Quarry Stanhope
in the County of Durham 2 Sc
by Messrs Bell Brothers Limited

Lat. 44° N. Long. 2° W.
Time of Observation 9 am
Nearest Railway Station Stanhope Wrk
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 6 ft. 7½ in.
" " " " Sea Level 846 ft.

32899

200664

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·18	·44					·07	·34			·34	·20	1
2	·01	·06		·05			·29	·47			·41	·32	2
3			·07					·03				·94	3
4	·43		·12	·12	·29	·15					·45	·69	4
5			·08	·25							·31		5
6				·06	·07							·33	6
7		·06	·18			·48		·15				·31	7
8	·18	·02			·22	·62	·11	·30				·21	8
9	·35	·06		·21		1·80					·20	·14	9
10		·11		·09	·03						·39		10
11		·08	·21		·08	·03			·10			·92	11
12		·36	·03						·04		·27	1"·27	12
13		·16	·32						·02	·06		·73	13
14	·21	·30	·06				·07		·07	·03	·45	·29	14
15	·01	·10	·15						·07		·35	·04	15
16	·13						·60		1"·17				16
17	·11	·09	·13				·09		·11			·52	17
18		·07				·55			·03	·06			18
19							·14		·03		·12		19
20	·02	·25	·08			·01				·02			20
21	·01	·60	·04			·01				·04	·20		21
22		·14			·19			·04		·11	·06		22
23			·07		·21								23
24	·10		·12	·12									24
25	·10		·11					·13		·58	·06	·41	25
26			·09							·09	·09	·29	26
27											·28	·21	27
28		·11	·14					·25		·01	·25		28
29	·08		·11					·38		·89	·32		29
30	·06	✕	·09					·50		·22	·39	·27	30
31	·32	✕		✕		✕	·43		✕	·31	✕		31
Total	2"·30	3"·01	2"·20	0"·90	1"·09	3"·65	1"·80	2"·59	1"·64	2"·42	4"·94	8"·09	YEAR'S TOTAL 34"·63
Rain Days.	16	14	19	7	7	8	8	10	9	12	18	18	149

W. 8,000. X. 14.

3733

FORM A.
BRITISH RAINFALL.

10 JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Parson Byers Quarry Stanhope
in the County of Durham
by Messrs Bell Brothers Ltd Middlesbrough

Lat. 44° N. Long. 2° W
Time of Observation 9 am
Nearest Railway Station Stanhope N.E.R.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 6 ft. 7½ in.
" " " Sea Level 846 ft.

33047

16

843

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0″·17.	0″·40	·	·	0″·15	·	·	0″·50	0″·12	·	0″·14	0″·15	1
2	·	·33	·12	·18	·	·04	1″·81	·29	·	·	·	·02	2
3	·46	·06	·	·05	·	·	·22	·26	·	·	·20	·31	3
4	·08	·04	·	·01	·	·	·	·05	·	·	·02	·	4
5	·	·43	·09	·	·	·	·	·	·	·	·	1″·63	5
6	·	1·38	·15	·15	·16	·	·74	·05	·	·05	·	·21	6
7	·15	1·14	·04	·12	·	·	·36	·13	·	·01	·	·03	7
8	·13	·36	·	·03	·	·	·	·03	·	·	·33	·	8
9	·	·	·	·	·	·	·14	·	·	·06	·	·60	9
10	·29	·	·	·	·	·	·	·07	·	·01	·	·23	10
11	·	·03	·	·	1·00	·	·	·	·	·	·13	·07	11
12	·13	·	·	·	·	·	·10	·	·	·01	1·03	·	12
13	·03	·34	·	·	·	·	·	·	·02	·	·	·	13
14	·08	·02	·	·07	·08	·	·	·	·	·	·	·09	14
15	·35	·	·	·	·	·	·	·40	·	·	·26	·23	15
16	·	·47	·	·	·	·	·48	·35	·	·05	·	·	16
17	·	·21	·	·	·03	·	·	·	·03	·	·	·02	17
18	·	·04	·15	·	·	·	·	·38	·17	·	·05	·09	18
19	·	·	·07	·08	·	·	·16	·	·	·11	·	·	19
20	·04	·	·08	·	·	·	·03	·	·	·04	·	·42	20
21	·17	·06	·	·	·	·	·	·	·	·	·	·13	21
22	·07	·	·02	·	·	·	·	·	·	·	·	·21.	22
23	·	·17	·21	·	·	·	·	·	·	·17	·	·17	23
24	·	·	·22	·16	·	·	·	·	·34	·33	·	·32	24
25	·	·	·	·	·	·11	·	·	·	·09	·	·	25
26	·	·11	·06	·	·	·16	·07	·	·01	·	·	·49	26
27	·	·10	·	·	·	·	·33	·	·	·45	·	·18	27
28	·	·06	·03	·	·34	·	·11	·30	·	·01	·	·03	28
29	·	✕	·	·	·20	·22	·	·	·07	·	·18	·72	29
30	·09	✕	·	·	·	·	·	·	·02	·	·01	·07	30
31	·02	✕	·	✕	·	✕	·	·44	✕	·03.	✕	·46	31
Total	2″·26.	5″·75	1″·24	0″·85	1″·96.	0″·53	4″·55	3″·25	0″·78	1″·42	2″·35	6″·88.	YEAR'S TOTAL 31″·82.
Rain Days.	15	19	12	9	7	4	12	13	8	14	10	24.	147.

W. 8,000. X. 15.

Exp DL

3667

17967

BRITISH RAINFALL A.
21 JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Parson Byers Quarry / Stanhope

in the County of Durham

by Bell Bros Ltd

Lat. 44 N Long. 2° W

Time of Observation 9.0 am

Nearest Railway Station Stanhope

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 6 ft. 7½ in.

" " " " Sea Level 846 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·42	–	·07	·	·	·35	·45	·	·	·	·03	·	1
2	·10	·02	·01	·	·	·12	·	·	·42	·	·	·08	2
3	·	·23	·	·	·	·05	·50	·	·88	·37	·51	·	3
4	·15	·01	·	·	·86	·20	·38	·	·	·18	·38	·	4
5	·	·42	·07	·	·60	·15	·	·	·	·69	·47	·	5
6	·25	·03	·03	·03	·50	·03	·13	·	·	·07	·19	·	6
7	·	·10	·37	·	·38	·22	1·30	·	·	·13	·	·	7
8	·	·01	·12	·	·	·	·	·	·	·	·09	·	8
9	·04	·	·04	·	·06	·15	·	·	·	·14	·04	1·01	9
10	·04	·20	·05	·	·	·45	·03	·	·	·33	·	·16	10
11	·	·13	·10	·02	·	·13	·05	·	·	·01	·	·24	11
12	·03	·35	·27	·03	·40	·23	·31	·	·	·	·	·	12
13	·	·06	·12	·06	·	·03	·20	·	·	·28	·	·	13
14	·01	·17	·15	·	·06	·	·	·	·	·28	·	·06	14
15	·03	·13	·74	·	·03	·	·01	·58	·	·	·02	·	15
16	·	·18	·45	·13	·	·	·04	·20	·	·	·	·16	16
17	·21	·	·01	·23	·	·	·	·	·13	·15	·	·	17
18	·	·	·	·24	·	·	·	·45	·39	·	1·40	·	18
19	·15	·	·15	·25	·	·	·	·	·10	·	1·08	·25	19
20	·06	·	·15	·05	·	·	·30	·02	·	·	·	·	20
21	·35	·07	·17	·09	·	·	·	·	·	·	·	·	21
22	·	·05	·	·02	·	·05	·	·	·	·	·	·	22
23	·10	·01	·01	·03	·	·	·	·	·	·18	·	·63	23
24	·	·	·	·05	·	·74	·	·	·	·30	·01	·07	24
25	·14	·03	·08	·	·10	·14	·	·63	·	·02	·38	·	25
26	·14	·07	·21	·	·	·05	·	·08	·	·24	·	·	26
27	·	·87	·04	·	·	·	·07	·31	·05	·60	·	·	27
28	·	·22	·	·	·57	·	·	·	·	·15	·	·55	28
29	·	·78	·	·	·	·	·	·	·	·24	·	·	29
30	·	X	·	·	·15	·	·	·04	·	·87	·04	·05	30
31	·	X	·	X	·12	X	·	·	X	·11	X	·05	31
Total	2·22	4·14	3·41	1·23	3·83	3·09	3·77	2·31	1·97	5·37	4·64	3·31	YEAR'S TOTAL 39·29
Rain Days.	16	22	22	13	12	16	13	8	6	20	13	12	173

W. 8,000, VIII. 16

P 3515

REGISTER W OF DL RAINFALL IN 19 18 39769

FORM A. BRITISH RAINFALL.

15 JAN 1918

Kept at Parson-Byers Quarry Stanhope

in the County of Durham

by Messrs Bell Brothers Limited

Lat. 44°
Long. 2°
Time of Observation 9·0am
Nearest Railway Station Stanhope NER
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 6 ft. 7¾ in.
" " " " Sea Level 846 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

1682

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	0.03			·50				·22					1
2	0.08			·25				·96			·10		2
3										·20			3
4			·20	·21						·05		·02	4
5	·08		·33	·30									5
6			·20							·05			6
7	1·33									·40		·05	7
8	·35							1·50		·41	·06	(·27)	8
9	·42							·95		·06	·50		9
10	·12		·25	·30	·43	·08		·05		·23			10
11	·01							·23					11
12					·08			·36				·12	12
13				·35	·41			·30	·18	·10		·05	13
14	·62			·07	1·00	·35	·07					·08	14
15	·12			·14									15
16	·08			·05				·41	·06			1·00	16
17	·12			·26	·10			1·33		·05			17
18	·03			·02	·20		·40	·12					18
19	·12		·36		·29						·04	·07	19
20		·43	·33		·04	·70		·30	·20			·19	20
21	·03	·12	·03					·03					21
22		·02	·03					·04		·06			22
23	·07	·02				·12		·32	·02	·10	·14	·06	23
24	·25									·40	·30		24
25		·02								·28			25
26	·25					·10		1·24	·12	·02	·05		26
27						·20		·80		·06	·01	·06	27
28	·41							·24			·01	·08	28
29			·02		·32		·04			·82		·01	29
30		✕									·13	·06	30
31		✕		✕		✕			✕		✕	·29	31
Total	4·62	·61	1·75	2·45	2·87	1·55	0·51	9·40	0·58	3·24	1·48	2·46	YEAR'S TOTAL 31·47
Rain Days.	19	5	9	11	9	6	3	18	5	16	10	15	~~126~~

W. 8,000, IX. 17.

CX ML

55378

6 JAN 20

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Parson Byers Quarry, Stanhope
in the County of Durham
by Messrs Bell Brothers Ltd

Lat. 44° N Long. 2° W.
Time of Observation 9 am
Nearest Railway Station Stanhope
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 6 ft. 7½ in.
" " " " Sea Level 846 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.
/

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·47		·08				·17			·12			1
2	·17	·03	·12		·14		·88		·20		·33	·02	2
3	·42	·01			·13	·04	·23				·08	·06	3
4	·15	·21	·19					·18			·11	·10	4
5	·13										·06	·02	5
6	·14		·09		·55					·01			6
7	·01		·43	·03	·30							·06	7
8	·15				·05					·01			8
9	·36		·34	·02							·82		9
10	·41		·11		·06						·06	·42	10
11			·80		·03				·26				11
12			·19	·04			·60		·05	·27	·15		12
13	·08		·01	·05			·10	·16		·08			13
14	·06			·30							·10	·14	14
15	·45	·38		·25				·02				·36	15
16	·05	·25	·10								·18		16
17		·03						·08			·15		17
18			·33					·02	·04		·18	·16	18
19	·06	·31	·39								·07	·01	19
20	·01	·19	·11										20
21	·01	·20	·06			·28		·02				·18	21
22		·08				·04		·02	·02	·02		·03	22
23	·01	·01	·01	·13		·02				1·78	·19	·10	23
24				·01		·35			·03	·22			24
25		·11		·11				·75	·16		·19		25
26	·04	·08	·37	·09				·28	·03	·03	·39	·50	26
27				·38						·16	·08		27
28				·07				1·07		1·24		·33	28
29	·20			·01		·02				1·38		·02	29
30	·03	╳	·01			·42				·19	·39	·77	30
31	·10	╳		╳		╳	·08		╳	·14	╳		31
TOTAL	3·51	1·89	3·74	1·49	1·26	1·20	2·06	2·60	0·79	5·65	3·53	3·28	YEAR'S TOTAL 31"·00
Days with ·01 in. or more	22	13	18	13	7	7	6	10	8	14	17	17	152

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

notable accs.

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3142

21 JAN 1921

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1920.

Kept at Parson Byers Quarry Stanhope

in the County of Durham

by Messrs Bell Brothers Limited

Lat. 44° N Long. 2° W

Time of Observation 9 am

Nearest Railway Station Stanhope NER

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 6 ft. 7½ in.

" " " " Sea Level 846 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·08	·30			·06			·12	·35	·10	1
2				·71	1.20		·31		·24	·95			2
3		·11				·06		·13	·05				3
4	·07			·30			·74	·42		·89		·16	4
5							·09	·06	·07	·14			5
6					·08						·01	·58	6
7			·10				·27					·12	7
8		·05					·06						8
9	·08	·40		·35			·03		·04				9
10		·28						·08					10
11	·63			1·15	·56		·13						11
12	·78	·04		·50	·10	·09					·12		12
13				·28	·03							·89	13
14			·15	·32			·15		·05		·95		14
15		·24	·15	·20			·21			·41	·16	·05	15
16				·03	·03		·22		·29		·03		16
17			·12		·28	·02		·21	·19				17
18	·27	·17			·36		·24	·18					18
19	·01			·12	·08				·06				19
20				·02			·06		·63			·16	20
21				·07			·07	·27	·03				21
22	·12			·14			·18						22
23							·15					·92	23
24			·80										24
25	·07		·40	·04			·39						25
26		·25	·33	·09			·04						26
27	·13			·08	·31	·81	·02						27
28			·68			·03						·20	28
29			·13						·02		·17	·94	29
30	·30				1·08	·04			·16		·07	·36	30
31	·72												31
TOTAL	3·18	1·54	2·94	4·70	4·11	1·05	3·42	1·34	1·83	2·44	1·86	3·78	YEAR'S TOTAL 32·19
Days with ·01 in. or more	11	8	10	17	11	6	19	7	12	5	8	11	~~125~~
Days with ·04 in. or more	10	8	10	15	9	4	17	7	10	5	6	11	112

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

STAINDROP.
RABY CASTLE
~~GARDENS~~
DURHAM
1912 - 1914

FORM A.
BRITISH RAINFALL.
1 FEB 1913

R

Kept at Rab … 4·5 N.
… u.
… ston. N.E.R.

in the County of D … in.

by Mr. J. Tulle … ound 1 ft. 0 in.

… Level 460 — ft.

IMPORTANT … result entered to the previous day. If a… this almost universal rule, he is earnestly requested to add the … a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
Nil

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	—	·04	·20	—	·03	—	·48	·24	1·03	·03	—	1
2	—	·10	·11	·01	—	·40	·07	·32	·03	·09	—	·15 snow.	2
3	—	snow ·10	·20	—	—	·58	·21	·61	·01	·02	—	—	3
4	·10	snow ·10 snow.	·02	—	—	·67	·04	·51	·38	·01	—	·16	4
5	·12	—	·35	·03	·03	·89	—	·57	·07	—	·02	—	5
6	—	—	·01	—	·28	·09	—	·02	—	—	·01	—	6
7	·55	·11	—	—	—	·01	—	·05	—	—	—	—	7
8	snow rain —	·03	—	—	·12	—	—	·27	·12	—	·07	·03	8
9	·56	·20	·06	·05	—	·02	—	—	·43	—	·16	—	9
10	snow. ·08	·11	·24	·04	—	·07	—	—	—	—	·02	—	10
11	·05	—	·02	·02	·03	·56	—	·02	—	·01	·04	—	11
12	·02	·19	—	—	·02	·06	·01	·53	·02	—	·20	—	12
13	·09	·15	—	—	—	·14	·27	—	—	—	·18	·10	13
14	·02	·02	—	—	—	·09	—	—	·03	·10	·39	·40	14
15	·08	—	·05	—	—	·08	—	·01	—	—	—	·22	15
16	·18	·04	·05	—	·56	·10	—	—	—	—	—	·25	16
17	·71	·01	·10	—	·02	·01	—	·02	—	·02	—	—	17
18	rain snow ·03	·08	·32	—	·01	·36	·03	·23	—	·02	—	·09	18
19	·05	·17	·01	—	—	·03	—	·01	—	·02	·02	·01	19
20	·08	·45	·01	—	·03	—	·10	·13	—	·02	·02	—	20
21	·20	·02	·02	—	·73	·07	—	·01	—	·31	—	—	21
22	·03	·01	·29	—	·11	·02	·12	·01	—	—	—	·03	22
23	·03	·05	·02	—	·45	·20	—	·10	—	·03	—	—	23
24	·02	—	·05	—	·05	·03	·23	·79	—	·11	·01	·01	24
25	snow. ·28	—	·01	—	·06	—	·23	·44	—	·03	·04	·17	25
26	snow rain ·24	—	—	—	—	·31	·18	·75	—	—	·23	·01	26
27	·02	·08	·04	—	—	·05	·01	·25	—	1·05	·22	·37	27
28	snow. —	·02	·02	—	—	·38	1·00	·02	—	·21	—	·34	28
29	—	·01	·04	—	—	·09	·36	·35	—	·14	·17 snow.	—	29
30	—		·20	—	—	·17	·04	·03	·59	·05	—	·06	30
31	·04 snow.		·08		·09		·08	—		·09		·01	31
	—	·04	·29	—	·03	—	·78	·24	1.03	·03	—	—	YEAR'S TOTAL
Total	~~3·58~~	~~2·05~~	~~2·36~~	~~·35~~	~~2·59~~	~~5·54~~	~~2·98~~	~~6·83~~	~~1·92~~	~~3·30~~	~~1·83~~	~~2·41~~	35·80
Rain Days.	23	~~21~~ 22	25	~~6~~ 5	~~15~~ 16	~~24~~ 26	~~16~~ 17	25	10	19	~~14~~ 16	17	221
	3.58	2·09	2·52	·15	2·62	5·51	3·76	6·29	2·71	2·36	1·80	2·41	35·80

W. 7,500, XI. '12

made

F

FORM A.
BRITISH RAINFALL.

1 FEB 1913

Kept at Raby Gardens
in the County of Durham
by Mr. J. Tullett - Gardener to Lord Barnard

Lat. ~~[illegible]~~ Long. ~~4·5 N.~~
Time of Observation 8 a.m.
Nearest Railway Station Winston. N.E.R.
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 460 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following. Nil.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	—	·04	·20	—	·03	—	·78	·24	1·03	·03	—	1
2	—	·10 snow	·11	·01	—	·40	·07	·32	·03	·09	—	·15 snow.	2
3	—	·10 snow	·20	—	—	·58	·21	·61	·01	·02	—	—	3
4	·10	·10 snow.	·02	—	—	·67	·04	·51	·38	·01	—	·16	4
5	·12	—	·35	·03	·03	·89	—	·57	·07	—	·02	—	5
6	—	—	·01	—	·28	·09	—	·02	—	—	·01	—	6
7	·55 snow + rain	·11	—	—	—	·01	—	·05	—	—	—	—	7
8	—	·03	—	—	·12	—	—	·27	·12	—	·07	·03	8
9	·56 snow.	·20	·06	·05	—	·02	—	—	·43	—	·16	—	9
10	·08	·11	·24	·04	—	·07	—	—	—	—	·02	—	10
11	·05	—	·02	·02	·03	·56	—	·02	—	·01	·04	—	11
12	·02	·19	—	—	·02	·06	·01	·53	·02	—	·20	—	12
13	·09	·15	—	—	—	·17	·27	—	—	—	·18	·10	13
14	·02	·02	—	—	—	·09	—	—	·03	·10	·39	·40	14
15	·08	—	·05	—	—	·08	—	·01	—	—	—	·22	15
16	·18	·04	·05	—	·56	·10	—	—	—	—	—	·25	16
17	·71 rain + snow.	·01	·10	—	·02	·01	—	·02	—	·02	—	—	17
18	·03	·08	·32	—	·01	·36	·03	·23	—	·02	—	·09	18
19	·05	·17	·01	—	—	·03	—	·01	—	·02	·02	·01	19
20	·08	·45	·01	—	·03	—	·10	·13	—	·02	·02	—	20
21	·20	·02	·02	—	·73	·07	—	·01	—	·31	—	—	21
22	·03	·01	·29	—	·11	·02	·12	·01	—	—	—	·03	22
23	·03	·05	·02	—	·45	·20	—	·10	—	·03	—	—	23
24	·02 snow.	—	·05	—	·05	·03	·23	·79	—	·11	·01	·01	24
25	·28 snow + rain	—	·01	—	·06	—	·23	·44	—	·03	·04	·17	25
26	·24	—	—	—	—	·31	·18	·75	—	—	·23	·01	26
27	·02 snow.	·08	·04	—	—	·05	·01	·25	—	1·05	·22	·37	27
28	—	·02	·02	—	—	·38	1·00	·02	—	·21	—	·34	28
29	—	·01	·04	—	—	·09	·36	·35	—	·14	·17 snow.	—	29
30	—		·20	—	—	·17	·04	·03	·59	·05	—	·06	30
31	·04 snow.		·08		·09		·08	—		·09		·01	31
	—	·04	·29	—	·03	—	·78	·24	1·03	·03	—	—	YEAR'S TOTAL
Total	~~3·58~~	~~2·05~~	~~2·36~~	~~·35~~	~~2·59~~	~~5·54~~	~~2·98~~	~~6·83~~	~~1·92~~	~~3·36~~	~~1·83~~	~~2·41~~	35·80
Rain Days.	23	~~21~~ 22	25	~~6~~ 5	~~15~~ 16	~~24~~ 26	~~16~~ 17	25	10·	19·	~~14~~ 16	17·	221
	3·58	2·09	2·52	·15	2·62	5·51	3·76	6·29	2·71	2·36	1·80	2·41	35·80

W. 7,500, XI. ·12

✓ Entd in WD 13.IV.14 Ent D.

REGISTER OF RAINFALL IN 1913

FORM A. BRITISH RAINFALL. 7 - JAN 1914

Kept at Raby Gardens

in the County of Durham

by Mr. J. Tullett, Gardener to Lord Barnard

Lat. 1·75 W. Long. 54·5. N.

Time of Observation 8. a.m

Nearest Railway Station Winston, N. E. Ry.

Diameter of Rain Gauge 5. in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 460 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. Nil.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	·05	·01	—	—	·08	—	—	—	—	—	—	1
2	—	—	·06	·20	—	·01	—	—	·10	·21	·04	—	2
3	—	·04	·21	·01	—	—	—	—	—	·12	·05	—	3
4	·09	·03	·07	—	·39	—	·29	—	·03	·02	·01	·08	4
5	·19	·01	·02	—	·04	·07	·07	—	·03	·10	·02	·34	5
6	·36	·03	·06	—	·02	·22	·01	·27	·02	·14	—	snow —	6
7	·01	·34	·26	—	·36	1·17	·69	·03	—	·02	·10	—	7
8	—	·36	·04	·01	·07	·04	·03	·01	—	1·46	—	—	8
9	—	·02	—	—	·76	·03	—	—	·04	·20	·12	·02	9
10	—	·10	·02	·01	·20	·27	—	—	—	·01	·02	—	10
11	—	·10	·17	·05	·06	·02	·06	—	—	·03	·28	—	11
12	1·20	—	—	·57	·60	·12	—	—	·01	·05	·05	—	12
13	snow ·35	·10	—	snow ·01	·06	·04	—	—	·39	·01	·10	—	13
14	snow —	—	·02	—	—	—	—	·03	·20	—	·03	—	14
15	·06	·03	·10	·04	—	—	·11	·02	—	·07	·05	—	15
16	·13	·01	snow ·24	·10	—	—	·02	—	—	·01	·13	—	16
17	·01	·10	·02	·01	—	—	—	·06	—	—	·03	—	17
18	—	·01	·10	·03	—	—	—	—	—	—	·12	·01	18
19	—	—	snow ·38	·16	·01	·11	—	—	—	—	·20	—	19
20	·20	—	·16	·12	·04	—	—	—	·54	·02	·09	—	20
21	·64	·02	snow. showers ·02	·02	·01	·03	—	—	·52	·13	·31	—	21
22	·04	—	·10	·03	·06	—	·07	·18	·01	—	·01	—	22
23	·13	—	1·03	—	·02	—	—	·14	·07	·01	—	—	23
24	·08	—	·01	—	—	·17	·01	·08	·06	—	·06	—	24
25	·38	—	—	·04	—	·13	—	—	·01	—	·03	—	25
26	—	·01	—	·01	—	·01	—	—	·59	·02	·01	·06	26
27	—	—	·05	·66	—	—	—	—	1·18	·08	·06	·30	27
28	—	·04	·03	·63	·56	·01	—	—	·01	·18	·01	·10	28
29	·33		·50	·32	·06	—	—	—	—	·03	—	·25	29
30	·04		·41	·48	·11	—	—	·51	—	·03	·06	snow ·72	30
31	·29		·04		·29		—	·02		·17		snow ·08 snow	31
Total	·05 ~~4·53~~ 4·58	·01 ~~1·40~~ 1·36	~~4·13~~ 4·12	3·51	·08 ~~3·72~~ 3·80	~~2·53~~ 2·45	1·36	1·35	3·81	3·12	1·99	1·96	YEAR'S TOTAL 33·41
Rain Days.	~~18~~ 19	18	~~26~~ 25	21.	~~19~~ 20	~~17~~ 16	10	11	14.	23.	25	10	215

W. 7,500, XI. 12

Exe DL Ca. for WD. 2p. V. 15.

REGISTER OF RAINFALL IN 1914

FORM A. BRITISH RAINFALL.

3 - MAY 1915

Kept at Raby Gardens

in the County of Durham

by Mr J Tullett, Gardener to Lord Barnard

Lat. 1·75 W. Long. 54·5 N

Time of Observation 8. am

Nearest Railway Station Winston, N. E. R.

Diameter of Rain Gauge 5. in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 460 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. Nil

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	·27	·01	·01	·07	·05	—	·26	·09	—	·34	·35	1
2	·02	·11	·05	—	—	·07	·36	·09	—	·01	·02	·27	2
3	—	·02	·01	·04	—	—	·44	·49	—	·01	·56	·26	3
4	·03	·05	·08	—	·24	—	—	—	·02	—	·10	·68	4
5	·18	·01	·04	·03	·06	·01	—	—	—	—	·04	·38	5
6	·03	—	·08	·09	·06	·05	·02	—	—	·02	·42	·08	6
7	Snow —	—	·02	·24	·05	·01	—	·21	—	—	·03	·23	7
8	·02	·08	·06	·03	·14	·33	·05	·05	—	—	—	·14	8
9	·05	·02	Snow ·30	·02	·13	·57	·10	·21	—	·07	—	·12	9
10	·52	·05	Snow ·01	·06	·03	2·19	—	·01	·07	·01	·13	·05	10
11	·10	·14	—	·02	·03	·01	—	—	·07	—	·45	·03	11
12	—	·08	·10	—	·13	·10	—	—	·03	—	·36	·28	12
13	·01	·17	·02	—	·01	·01	·07	—	·07	—	·04	·53	13
14	Snow ·03	·09	·34	—	—	—	·01	—	·01	·07	·24	·43	14
15	Snow ·14	·40	·04	—	—	—	·10	—	·02	·01	·02	·34	15
16	·04	·13	·11	—	—	—	·04	—	·02	—	Snow ·73	·02	16
17	·08	·01	·09	—	—	—	·97	—	·39	—	Snow & rain ·03	·04	17
18	·12	·03	·02	—	—	—	·07	—	·98	—	—	·10	18
19	·02	·13	·05	—	—	·58	·02	—	·04	·02	—	·01	19
20	—	·03	Snow ·02	—	—	—	·14	—	·02	—	·06	—	20
21	—	·11	·08	—	—	—	·01	—	·02	·01	·01	·03	21
22	·01	·40	·06	—	—	·27	·01	—	—	·15	·12	·04	22
23	—	·18	·03	—	·32	·02	—	·03	—	·08	·08	·14	23
24	—	·02	·04	·01	·23	—	—	—	—	·01	·02	·18	24
25	·02	—	·30	·10	·01	—	—	·05	—	—	·06	—	25
26	·02	·01	·05	—	—	—	—	·12	—	·41	·01	·19	26
27	—	—	·18	—	—	—	·02	·04	—	·45	·08	·20	27
28	—	·01	·01	—	—	—	—	—	—	·04	·26	·19	28
29	·04		·03	—	·02	—	—	·07	—	·02	·15	Snow & rain ·07	29
30	·04	✕	·06	—	·05	—	—	·47	—	·74	·23	Snow & rain —	30
31	·03	✕	·04	✕	—	✕	—	·13	✕	·22	✕	·29	31
Total	·27 ~~1·55~~	·01 ~~2·55~~	·01 ~~2·33~~	·07 ~~·63~~	·05 ~~1·58~~	— ~~4·21~~	·26 ~~2·43~~	·09 ~~2·23~~	— ~~1·85~~	·34 ~~2·35~~	·35 ~~4·59~~	— ~~5·73~~	YEAR'S TOTAL 32·05
Rain Days.	~~21~~ 22	24	30	11.	16	13 ~~14~~	17 ~~16~~	·14	~~14~~ 13	~~18~~ 19	26	27 ~~28~~	232
	1·82	2·29	2·33	·71	1·56	4·16	2·69	2·06	1·76	2·69	4·60	5·38	32·05

DL

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FORM A2.
BRITISH RAINFALL.

26 JAN 1912

REGIS 1

DURHAM

STOCKTON-ON-TEES

ROPNER PARK

1911 - 1920

Kept at Stockton-on-

in the County of Durha

by W. A. Jenkins

in.

ve Ground ft. in.

, Sea Level ft.

Name

Distance Direction

IMPORTANT NOTE.— nd the result entered to the previous day. If an Observ niversal rule, he is earnestly requested to add the reading year in the space provided for it at the end of this pa rement of rain, the selection and placing c British Rainfall Organization are given in " R n application to Dr. H. R. Mill, 62, Camden Square, London,

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1							·01	·04					1
2	·33		·11		·04		·08			·08	·01	·01	2
3			·14	·01	·07			·01		·17			3
4	·07			·33				·13		·01		·16	4
5	·02			·02				·23		·01			5
6	·11		·11	·07				·11		·02		·30	6
7	·02										·06		7
8			·31	·02		·02				·02	·14	·05	8
9			·01	·03								·06	9
10	·05	·04		·02					·03				10
11	·21				·06						·18	·30	11
12	·06		·07		·05	·10			·80		·24	·01	12
13		·04	·20			·05					·05	·42	13
14		·15	·25		·78						·03	·22	14
15		·02	·20	·02		·08					·18	·10	15
16			·27	·06			·09			·02		·04	16
17			·06			·25					·25	·08	17
18		·06	·08								·30	·14	18
19				·02		·09			·07	·24	·78	·12	19
20		·15				—	·17	·40			·05	·10	20
21		·15				·01		1·50		·07	·19	·03	21
22	·09	·02			·01	·01		·35		·01	·18		22
23	·03	·07		·02		·98			·13	·02		·11	23
24						·95			—	·06		·03	24
25				·05		·32	·01		·22	·16	·03	·20	25
26		·11			·19				·07	·97	·50	·07	26
27		·05	·01	·08				·20	·15	·04	·04	·03	27
28		·04	·01	·11		·01			·43		·01	·06	28
29			·01	·03		·04	·08	·01	—	·25		·02	29
30			·01		·05	·02			·12	·01			30
31										·04		·06	31
Total	·99	·90	1·85	·89	1·25	2·93	·44	2·98	1·96	2·20	3·22	2·72	TOTAL for year 22·33
No. of Rain Days	10	12	16	15	8	14	6	10	9	18	18	24	160

9,000, IX. '10.

DL

446

26 JAN 1912

FORM A2.
BRITISH RAINFALL.

REGIS 1

Kept at Stockton-on-Tees

in the County of Durham

by W. A. Jenkins

Rain Gauge
Pattern
Diameter of top in.
Height of top above Ground ft. in.
" " " Sea Level ft.

Time of Observation

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1							·01	·04					1
2	·33		·11		·04		·08			·08	·01	·01	2
3			·14	·01	·07			·01		·17			3
4	·07			·33				·13		·01		·16	4
5	·02			·02				·23		·01			5
6	·11		·11	·07				·11		·02		·30	6
7	·02										·06		7
8			·31	·02		·02				·02	·14	·05	8
9			·01	·03								·06	9
10	·05	·04		·02					·03				10
11	·21				·06						·18	·30	11
12	·06		·07		·05	·10			·80		·24	·01	12
13		·04	·20			·05					·05	·42	13
14		·15	·25		·78						·03	·22	14
15		·02	·20	·02		·08					·18	·10	15
16			·27	·06			·09			·02		·04	16
17			·06			·25					·25	·08	17
18		·06	·08								·30	·14	18
19				·02		·09			·07	·24	·78	·12	19
20		·15					·17	·40			·05	·10	20
21		·15				·01		1·50		·07	·19	·03	21
22	·09	·02			·01	·01		·35		·01	·18		22
23	·03	·07		·02		·98			·13	·02		·11	23
24						·95				·06		·03	24
25				·05		·32	·01		·22	·16	·03	·20	25
26		·11			·19				·07	·97	·50	·07	26
27		·05	·01	·08				·20	·15	·04	·04	·03	27
28		·04	·01	·11		·01			·43		·01	·06	28
29			·01	·03		·04	·08	·01		·25		·02	29
30			·01		·05	·02			·12	·01			30
31										·04		·06	31
Total	·99	·90	1·85	·89	1·25	2·93	·44	2·98	1·96	2·20	3·22	2·72	TOTAL for year 22·33
No. of Rain Days	10	12	16	15	8	14	6	10	9	18	18	24	160

9,000, IX. '10.

88 Cord fr auth 19.111.10 W M. 442

FORM A2.
BRITISH RAINFALL.

25 JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at Stockton on Tees
in the County of Durham
by W. A. Jenkins

RAIN GAUGE
Pattern
Diameter of top ______ in.
Height of top above Ground ______ ft. ______ in.
" " " Sea Level ______ ft.

Time of Observation

Nearest Railway Station
Name
Distance ______ Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		·15	·06		·02	·19		·37	·05	·02		·07	1
2		·20	·07			·13	·16	·08	·04	·12			2
3	·14	·07				·57	·01	·22	·30	·02		·23	3
4	·16		·20		·02	·53		·08			·30		4
5					·15	·09		·03			·01		5
6	·35	·25				·02					·01		6
7		·02	·02		·09			·02	·31		·02		7
8	·09	·03	·06	·02		·04			·09		·16		8
9	·02	·01		·03		·63			·01		·07		9
10				·03		·27			·01		·04	·03	10
11	·02	·02						·18	·01		·35		11
12	·03	·09	·05			·03	·67				·46		12
13	·01		·32			·22				·04	·20		13
14	·07	·01				·04						·04	14
15			·30		·54	·03						·10	15
16	·11		·04		·03			·09		·06			16
17	·12	·09	·10			·34		·12				·05	17
18	·04	·01				·03				·03			18
19	·12	·28	·06				·11	·43		·01			19
20	·18	·08			1·30	·03		·01		·30	·07		20
21	·05		·09		·11		·25				·02		21
22	·04	·04	·02		·50	·63		·09			·01		22
23	·04		·02		·02		·09	·50		·22			23
24	·20					·09	·04	·04		·01	·09		24
25	·27					·40	·05	·53		·02	·01	·09	25
26	·06	·08	·02			·01		·15		·55	·04	·13	26
27			·04	·01	·01	·21	·41			·30	·08		27
28				·04	·04	·07	·41	·40		·25	·11	·15	28
29	·04	·02	·17		·01	·01	·08	·01	·15	·01			29
30			·05			·02		·01	·16	·10		·04	30
31			·18		·09		·27	·31		·04			31
Total	2·16	1·45	1·87	·13	2·93	4·63	2·55	3·67 3·67	1·13	2·10	2·05	·93	TOTAL for year 25·60
No. of Rain Days.	21	17	19	5	14	24	12	20	10	~~16~~ 17	18	10	187

W. 8,000, X. '11.

Dl

455

FORM A.
BRITISH RAINFALL.

31 JAN 1914

REGISTER OF RAINFALL IN 1913

Kept at Stockton-on-Tees
in the County of Durham
by W. A. Jenkins

Lat.   Long.
Time of Observation
Nearest Railway Station
Diameter of Rain Gauge   in.
Height of top of Gauge above Ground   ft.   in.
"   "   "   "   Sea Level   ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·03	·08	·02	·40					·16	·08			1
2		·01	·02			·06				·08			2
3					·11		·12						3
4	·22		·02					·06			·02	·13	4
5	·53	·03	·03			·21		·03		·46			5
6		·20	·15		·20	·14	·06			·09			6
7		·14		·01			·20			1·15	·10		7
8			·03		·38	·09			·07	·16	·07		8
9		·08		·06	·23			·01					9
10		·01	·05		·02						·34		10
11	·21	·01		·47	·50	·09					·03		11
12	·24							·01	·10				12
13	·03			·02				·08	·16	·05	·08	·02	13
14		·10	·25	·03			·14		·01	·02			14
15			·10	·17			·01	·20					15
16								·03					16
17	·01		·05	·02		·05						·01	17
18	·02		·21	·12		·25					·05		18
19	·03		·04		·06				·09	·01	·27		19
20	·53		·04	·01					·32	·16			20
21			·03		·05			·17	·05				21
22	·02		·25		·06	·37	·04	·30	·06				22
23	·09					·16	·03	·03	·01		·02		23
24						·36		·15		·02			24
25									·39			·05	25
26	·26		·01	·27					·21	·19	·12	·19	26
27		·02	·03	·24	·26	·15					·02		27
28	·12		·11	·66						·01		·36	28
29			·19	·21	·06			·58				·47	29
30	·21				·15					·27		·07	30
31					·02								31
Total	2·55	·68	1·63	2·69	2·10	1·93	·60	1·65	1·63	2·75	1·12	1·30	YEAR'S TOTAL 20·63
Rain Days.	15	10	19	14	13	11	7	12	12	14	11 ~~12~~	8	~~147~~ 146

W. 7,500, XI. 12

438

FORM A.
BRITISH RAINFALL
28 JAN 1915

REGISTER OF RAINFALL IN 1914

Kept at Stockton-on-Tees
in the County of Durham
by W. A. Jenkins

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Rain Gauge —— in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1							·56	·05		·02		·06	1
2							·42	·26		·02	·30	·13	2
3			·03		·19		·02		·01		·10	·41	3
4					·07						·06	·21	4
5	·02		·02	·06		·02		·01			·27		5
6		·01		·02	·02			·12				·04	6
7		·02	·08	·05	·09	·27					·05	·10	7
8	·36		·09		·18	·57		·10		·10		·04	8
9	·30	·03		·02		1·53	·01		·38		·11	·05	9
10	·15	·07		·02					·09		·01	·03	10
11		·03	·09		·40	·17					·13	·22	11
12	·05	·03							·12			·22	12
13	·03	·01	·07								·03	·08	13
14	·03	·09					·03			·04	·05	·12	14
15	·10	·01	·15				·23				·26	·04	15
16	·14		·08				1·55		·37		·12		16
17	·06	·02							·95			·03	17
18		·04							·12		·02	·09	18
19		·01					·45		·11		·10		19
20	·02	·08	·19			·26							20
21		·20				·10				·02	·05		21
22					·21	·11	·01	·03			·03	·26	22
23				·01	·28	·41							23
24			·04	·10				·05			·20		24
25		·06	·01					·02		·40	·04	·18	25
26		·01	·10				·22			·27	·04	·12	26
27	·03									·01	·13	·37	27
28								·01			·04	·10	28
29								·16		·65	·08		29
30			·06	·03	·08			·02		·05	·14	·13	30
31	·13						·18			·20			31
Total	1·42	·72	1·01	·31	1·52	3·44	3·68	·83	2·15	1·78	2·36	3·03	YEAR'S TOTAL 2225
Rain Days.	13	16	13	8	9	9	11 ~~10~~	11	8	11	23	22	154

W.7,000, XI. 13

Dr

3722 ~~#20~~

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.

end by own stats 9.v.16

Kept at Stockton-on-Tees
in the County of Durham
by W. A. Jenkins

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.17	.07			.13		.06	.14	.38		.13		1
2		.19	.20	.01		.05		.04	.08		.08	.04	2
3	.48		.04	.10			.26				.25	.59	3
4	.21				.04						.08	.67	4
5	.07	.03	.03							.08	.07	.41	5
6	.05	.09	.05	.03		.01	.86	.03	.07	.01		.06	6
7	.18	.16	.02				.03	.21					7
8	.03	.06				.07	.20	.10			.09		8
9		.01						.05				.33	9
10	.06		.09					.35				.14	10
11	.02	.20			.53		.04				.01	.18	11
12	.16	.12		.18	.03		.35	.08		.17	.76	.04	12
13		(1.32) .23 ✓					.01	.11	.01			.03	13
14		.13		.01	.11		.03	.03					14
15	.13						.24	.17		.10		.07	15
16		.17					.75	.06		.59	.08		16
17	.16	.13	.02				.08		.02				17
18		.09	.35						.07	.07			18
19		.06	.06				.10			.20			19
20	.05											.57	20
21	.04			.15				.01				.04	21
22	.05								.02			.11	22
23	.23	.24	.02	.03			.45					.07	23
24			.21	.07		.02	.04		.31	.01		.18	24
25						.13	.04			.11	.06	.07	25
26		.02	.04	.01		.09	.10					.31	26
27	.01	.13	.10				.29			.12		.30	27
28		.07	.06		.19		.02	.48		.30		.03	28
29			.03		.24	.27	.05	.02	.18		.12	.15	29
30	.06	×		.12				.53					30
31	.06	×		×		×			×		×	.13	31
Total	2.22	2.29 ✓	1.32	.71	1.27	.64	4.00	2.41	1.14	1.76	1.73	4.52	YEAR'S TOTAL 24.01 ✓
Rain Days.	19	19	15	10	7	7	20	16	9	11	11	22	166

W. 8,000. X. 14.

~~379~~

FORM A.
BRITISH RAINFALL
30 JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Stockton Ropner Park

in the County of Durham

by W. A. Jenkins

Lat. Long.

Time of Observation —

Nearest Railway Station —

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·15	·02	·17			·59	·15		·10	·03	·03		1
2		·01	·19			·01							2
3		·05	·15	·08		·02	·24		1·22	·06	·06		3
4		·26	·04		·66	·13				·36	·12		4
5	·02	·18	·15	·02	·23					·26	·08		5
6		·17	·20	·02	·43	·03	·16				·09		6
7			·10		·09	·26	·13					·17	7
8			·19							·05			8
9			·06		·14	·06	·09			·05		13	9
10	·03		·03			·17	·09					·22	10
11		·27	·30	·16		·08	·17		·05	·04		·18	11
12	·02		·26		·47		·40					·35	12
13			·17	·08	·20		·05	·34	·08	·26	·03	·07	13
14			·02		·08			·09					14
15			·17				·04	·11		·09			15
16		·12	·13	·15								·18	16
17	·01			·08	·04		·01	·10	·14	·13	·04		17
18		·23	·01	·39		·02	·02	·23	·15		·38		18
19	·02		·05				·24	·05	·03		·25	·12	19
20	·04		·31	·18				·18			·06	·04	20
21	·02		·06	·09	·14								21
22		·17		·05		·04				·08			22
23			·08			·01					·01	·05	23
24						·35		·20		·02		·01	24
25		·10	·11					·15		·03	·04		25
26	·15	·06	·02		·09	·01		·15					26
27		·30					·06	·26		·05			27
28		·16								·10		·23	28
29		·20				·01				·02			29
30		X				·10				·25			30
31	·01	X		X	·02	X	·02		X	·03	X		31
Total	·47	2·30	2·97	1·30	2·59	1·89	1·87	1·86	1·77	1·91	1·19	1·75	YEAR'S TOTAL 21·87
Rain Days.	10	15	~~24~~ 23	11	12	16	15	11	7	18	12	12	162

W. 8,000. X. 15.

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3504
3608

REGISTER OF RAINFALL IN 1917

FORM A.
BRITISH RAINFALL.

Kept at Stockton-on-Tees

in the County of Durham

by W. A. Jenkins

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·01			·45		·52		·30	·03				1
2				·13				·24	·32		·03	·03	2
3				·14						·03	·02		3
4			·02										4
5	·04		·01	·40								·02	5
6								·11		·10	·01		6
7			·01			·02		·04		·05		·04	7
8	·48		·03	·09				·71		·40	·08	·01	8
9				·04				·33		·01	·25		9
10			·32	·08	·05			·07		·12	·19		10
11	·30	·05		·02				·01		·05			11
12	·42							·11		·32		·04	12
13	·15			·05	·13	·05		·34	·20	·02		·02	13
14	·25		·02	·09	·67			·30		·02		·06	14
15	·08			·16			·10	·03	·01				15
16	·09			·25		·17			·04			·58	16
17	·05	·05		·10		·29		·34	·02			·27	17
18				·04	·07		·17	·12	·02				18
19	·15	·12	·15		·07	·05						·02	19
20	·07	·36	·05		·07	·37		·08	·10		·22	·15	20
21		·17	·15					·16					21
22			·21			·06		·02		·01			22
23	·01				·02			·20		·06			23
24					·06			·02		·20	·10		24
25		·06	·06			·13	·03	·01		·03		·30	25
26			·08				·04	1·41	·14		·06	·05	26
27			·15			·30	·45	·40					27
28			·07				·04	·82		·09			28
29							·06	·06		·25			29
30	·06	×		·22				·06		·11	·01		30
31	·23	×	·05	×		×		·01	×		×	·38	31
Total	2·39	·81	1·38	2·26	1·14	1·96	·89	6·30	·88	1·87	·97	1·97	YEAR'S TOTAL 22·82
Rain Days.	15	6	15	15	8	10	7	26	9	17	10	14	152

W. 8,000, VIII. 16

82

See 81

6
~~345~~

REGISTER OF RAINFALL IN 1918

FORM A.
BRITISH RAINFALL.
22.1.19

Kept at Stockton-on-Tees
in the County of Durham
by W A Jenkins

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			·09		·01				·27	–	·12	·04	1
2	·12	·06								·08		·20	2
3					·04			·01		·11	·35	·18	3
4			·04		·21			·01	·05	·02	·20	·07	4
5			·05	·02	·31			·66		·04			5
6		·35		·27		·28				·15			6
7	·28			·01			·01		·02	·05	·14		7
8		·08	·06				·32		·07	·03			8
9		·34		·04		·01		·07	·65	·06		·02	9
10				·02			·11		·03				10
11	·17	·03	·06	·01	·22							·04	11
12		·20		·01				·02	·06	·11			12
13				·02	·17		·01		·09	·04			13
14				·05		·01	·02		·39			·04	14
15				·01		·01	·45		·91			·73	15
16					·04		·11	·10	·22			·13	16
17	·29				·10		·47	·02	·01	·22		·11	17
18	·40		·06	·03			·75		·40	·15		·05	18
19	·23		·09	·16			·12	·15		·27			19
20	·08	·41		·35		·10	·80		·02	·05			20
21	·13						·02		·11	·12			21
22					·01	·04	·02		·02			·29	22
23	·11				·29	·01	·50		·15				23
24							·01			·01			24
25							·08	·09			·06	·04	25
26							·05	·09	·34		·02	·01	26
27		·02				·04	·01	·48	·10		·08	·04	27
28		·05	·03								·02	·38	28
29			·04						·26			·08	29
30		X	·10						·07		·09	·32	30
31		X	·09	X		X			X		X	·10	31
Total	1·81	1·54	·71	1·00	1·40	·50	3·86	1·70	4·24	1·51	1·08	2·87	YEAR'S TOTAL 22·22
Rain Days.	9	9	11	13	10	8	18	11	21	16	9	19	154

W. 8,000, IX. 17.

81

[illegible] [illegible]

3363

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1919

Kept at Stockton-on-Tees
in the County of Durham
by W. A. Jenkins

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.08	.02			.16		.68		.33	.03	.04	.01	1
2	.04						.22		.02		.07		2
3	.75				.15		.02	.04			.24		3
4	.18	.03	.55		.05	.11	.03		.02		.10	.04	4
5	.05	.18				.03		.03			.06	.03	5
6			.16								.21	.08	6
7			.21		.04							.18	7
8	.09									.03	.13		8
9	.04		.08								.14	.09	9
10					.08					.09	.39		10
11			.80		.08	.01	.10		.09	.05	.05		11
12			.25	.02		.02	.01		.06	.14			12
13	.05		.01	.02		.02	.19	.15		.10	.37		13
14	.15		.01	.38							.21		14
15	.04	.36	.11	.06				.04				.56	15
16		.03									.06		16
17		.05		.07				.03			.10		17
18							.01	.38				.04	18
19	.01	.09	.03	.02			.14		.10			.02	19
20	.22	.26				.02	.05	.10			.04	.09	20
21	.09	.13	.04			.06		.06	.06		.04	.03	21
22		.15	.06				.10					.05	22
23			.06			.11				.86			23
24		.11		.02						.84	.15		24
25		.12		.03				.44			.13		25
26			.07					.32		.25	.31	.21	26
27	.13			.40					.06	1.07	.24		27
28	.05			.04						.85		.08	28
29	.15					.03		.90		1.36		.09	29
30	.02	X	.05	.23		.19				.26	.03	.16	30
31	.11	X		X		X	.14		X	.12	X		31
Total	2.25	1.53	2.49	1.29	.56	.60	1.69	2.49	.74	6.05	3.11	1.76	YEAR'S TOTAL 24.56 ~~22.04~~
Rain Days.	18	12	15	11	6	10	12	11	8	14	21	16	154

W. 6,500, VII. 18. W W C

433 ~~W H~~ and forecasts 3212

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Stockton, Ropner Park

in the County of Durham

by W. A. Jenkins

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·08	·20	·38		·24			·26		·28	1
2			·10	·24	·03		·04		·20	·29		·13	2
3		·02		·21		·08	·98	·03	·15	·18		·30	3
4	·05			·02			·50	·37	·03	·83		·09	4
5					·03		·20	·02		·01		·05	5
6			·18	·04	·01		·08						6
7	·03						·03						7
8				·12	·06		·09	·02			·06		8
9	·22			·30			·13	·24	·09				9
10	·68	·01	·01	·26			·07						10
11	·34			·14	·12							·30	11
12	·18			·09			·01				·01	·25	12
13	·10		·02	·01							·01	·08	13
14		·03	·29	·05			·05		·07	·08	·09		14
15		·07	·40	·16						·43	·05		15
16				·05	·02		·42		·07			·09	16
17					·10			·15	·05	·01			17
18	·20	·05			·11		·07		·10				18
19		·35		·07		·12		·05					19
20	·11	·01		·05		·08			·01				20
21				·09			·30	·35					21
22	·03			·07			·07						22
23	·03		·06	·06			·21					·04	23
24			·37	·01				·02					24
25		·08	·10	·01			·42						25
26		·02	·58	·01			·02						26
27	·11			·06	·35						·29	·10	27
28	·63		·23	·02		·64	·01				·03	·13	28
29	·08		·05		·94	·03	·03					·54	29
30	·02		·02		·06				·16		·11	·12	30
31	·09				·01		·02						31
Total	2·90	·64	2·49	2·34	2·22	~~·85~~ ·95	3·99	1·25	·93	2·09	·65	2·50	Year's Total ~~22·85~~ 22·95
Days with ·01 in. or more	16	9	14	24	13	5	22	9	10	8	8	14	152

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

04 12 4 11 15 8 4 16 5 8 6 5 14 111

~~made~~

SUNDERLAND

~~THE~~ CEDARS ~~ROAD~~

DURHAM

1911- 1916

FORM A2.
BRITISH RAINFALL.

2 - JAN 1912

Kept at ...dord

in the County of

by

in.

nd 1 ft. in.

Level 115 ft.

e Sunderland.

nce 1 mile Direction N.

IMPORTANT result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·04		-	·01			·04	·04			·15		1
2	·24			·07	·01		·19			·11	·01	·02	2
3	·02				·10					·13	·04		3
4	·09			·17				·32			·06	·22	4
5	·10			·03				·13		·18			5
6	·10			·02						·07		·25	6
7	·01			·01							·05		7
8						·05				·03	·03	·10	8
9				·01			·02				·02	·15	9
10	·01	·06		·03		·06					·17	·43	10
11	·43				·04			·01	·15		·08	·05	11
12	·18				·12	·06		·01	·75		·20		12
13	·01		·51			·01					·10	·37	13
14			·21		·46				·05		·02	·40	14
15		·21	·05	·02						·03	·01	·31	15
16			·50			·07	·08			·02	·02	·03	16
17			·22	·03		·18	·01				·19	·08	17
18		·05	·05			·10					1·52	·02	18
19			·01	·08		·36		·02	·02	·38	·59	·05	19
20		·08		·05			·20	·35		·01	·08	·20	20
21		·10				·03		·75		·05	·10		21
22	·23					·03		·30			·10		22
23	·06	·09		·02		1·36			·12			·15	23
24	·01					1·86	·02	·02		·18		·02	24
25		·09		·08		·62	·01		·06	·38	·01		25
26				·01	·02	·01		·05	·01	·52	·36		26
27		·05		·20				·15	·10	·01	·02		27
28				·30				·05				·07	28
29				·07		·02	·18	·03	·64	·06		·03	29
30					·05	·01	·	[illegible]	·11	·14			30
31					·21			·01				·02	31
Total	1·53	·73	1·55	1·21	1·01	4·83	·75	2·24	2·01	2·30 2·30	3·93	2·97	TOTAL for year 25.06 ~~24.59~~ 25.06
No. of Rain Days.	14	8	7	18	8	16	9	~~16~~ 15	10	16	23	20	~~166~~ days

W. 8,000, X. '11.

164

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FORM A2.
BRITISH RAINFALL.

dord 2 - JAN 1912

Kept at

in the County of The Cedars, Sunderland. Co. Durham

by W. F. Vaux.

RAIN GAUGE
Diameter of top 5 in.
Height of top above Ground 1 ft. – in.
" " " Sea Level 115 ft.

Time of Observation 9 AM.

Nearest Railway Station
Name Sunderland.
Distance 1 mile Direction N.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·04			·01			·04	·04			·15		1
2	·24			·07	·01		·19			·11	·01	·02	2
3	·02				·10					·13	·04		3
4	·09			·17				·32			·06	·22	4
5	·10			·03				·13		·18			5
6	·10			·02						·07		·25	6
7	·01			·01							·05		7
8						·05				·03	·03	·10	8
9				·01			·02				·02	·15	9
10	·01	·06		·03		·06					·17	·43	10
11	·43				·04			·01	·15		·08	·05	11
12	·18				·12	·06		·01	·75		·20		12
13	·01		·51			·01					·10	·37	13
14			·21		·49				·05		·02	·40	14
15		·21	·05	·02						·03	·01	·31	15
16			·50			·07	·08			·02	·02	·03	16
17			·22	·03		·18	·01				·19	·08	17
18		·05	·05			·10					1·52	·02	18
19			·01	·08		·36		·02	·02	·38	·59	·05	19
20		·08		·05			·20	·35		·01	·08	·20	20
21		·10				·03		·75		·05	·10		21
22	·23					·03		·30			·10		22
23	·06	·09		·02		1·36			·12			·15	23
24	·01					1·86	·02	·02		·18		·02	24
25		·09		·08		·62	·01		·06	·38	·01		25
26				·01	·02	·01		·05	·01	·52	·36		26
27		·05		·20				·15	·10	·01	·02		27
28				·30				·05				·07	28
29				·07		·02	·18	·03	·64	·06		·03	29
30					·05	·01			·11	·14			30
31					·21			·01				·02	31
Total	1·53	·73	1·55	1·21	1·01	4·83	·75	2·24	2·01	2·30	3·93	2·99	TOTAL for year 25·06 inches
No. of Rain Days.	14	8	7	18	8	16	9	~~16~~ 15	10	16	23	20	~~24·59~~ 25·06 ~~166~~ 164 days.

2·30

164

W. 8,000,–X. '11.

Cnd by Mun stats 19·III·13

W DS

REGISTER OF RAINFALL IN 1912

FORM A.
BRITISH RAINFALL.

8 - JAN 1913

Kept at The Cedars,
in the County of Sunderland. 2
by W. F. Vint

Lat. Long.
Time of Observation 9· A M·
Nearest Railway Station Sunderland
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
" " " " Sea Level 115 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1		·21	·04	·		·20	21	·19	·01	42		·17	1
2		·17		·01		·39	·28	·55		·46	·02		2
3	·10	·01				·72	·02	·30	·24	·02		·16	3
4	·12		·29			·39		·42			·32		4
5			·01		·15	·17		·04			·01		5
6	·21	·13			·08	·15		·13					6
7		·02	·02		·09	·01		·17	·35		·03	·01	7
8	·25	·08		·01		·02			·15		·03		8
9	·02	·04	·08	·02		·07		·10	·10		·06		9
10				·07	·02	·01		·04	·03		·04	·05	10
11	·01	·15						·05	·04		·48	·02	11
12	·02	·35	·03			·15	·74			Dew ·01	·50		12
13		·01				·12		·05		·04	·23		13
14	·06		·11			·07		·02				·04	14
15	·01	·06	·13		·72	·18						·34	15
16	·23	·01	·02		·07	·01	·03			·02			16
17		·10	·14			·21		·17					17
18	·10	·15				·01	·15						18
19	·11	·53			·02	·03	·22	·19					19
20	·13	·08	·01		·54	·04		·05	·01	·21	·02		20
21	·30		·18		·18	·01		·01		·01	·01	·02	21
22	·01	·04	·01		·24	·75		·06					22
23	·01		·02			·01	·08	·53		·74	·04		23
24	·32						·33	·05		·16		·08	24
25	·35					·37	·06	·39			·04		25
26	·13	·02				·06		·02		·69	·06	·18	26
27			·04		·02	·23	·47	·01		·28	·02	·17	27
28						·11	·74	·3		·22	·04		28
29		·01	·37	·04		·03	·11		·50			·02	29
30	·05				·03	·03			·34	·20		·02	30
31			·20		·02		·44	·32		·06		0·0	31
Total	2·54	2·17	1·70	·15	2·18	4·55	3·88	4·12	1·77	3·54	1·95	1·28	YEAR'S TOTAL 29·83
Rain Days.	20	19	17	5	13	28	14	24	10	15	17	13	195

W. 7,500, XI. 12

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REGISTER OF RAINFALL IN 1913.

FORM A.
BRITISH RAINFALL.
4 - JAN 1914

Kept at Cedars-End,
in the County of Sunderland.
by W. F. Vint

Lat. .... Long. ....
Time of Observation 9. A M
Nearest Railway Station Sunderland
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. ...... in.
" " " " Sea Level 115 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			.01	.17					.43		.01		1
2			.03			.01			.04	.03			2
3					.01		.33					.02	3
4	.21					.02	.01			.27	[illegible]	.03	4
5	.41	.02			.01	.05	.01	.02		.02			5
6		.09	.22		.71	.01	.24				.01		6
7				.02	.03	.06				.65	.01		7
8					.94				.10	.08		.02	8
9		.08		.08	.17	.04							9
10			.14	.01	.03		.04			.03	.25		10
11	.62			.50						.01	.05		11
12	.90							.03	.29		.04		12
13	.07							.02	.02	.01	.11		13
14	.11	.09		.03						.06			14
15	.04		.20	.09				.04	.09		.02		15
16	.02			.01					.02		.04		16
17			.43	.04							.02		17
18	.02		.29	.25	.15	.07					.05		18
19	.23		.02		.07				.11				19
20	.47	.02	.04					.02	.02	.16	.17		20
21	.05		.04		.03	~~.34~~	.02	.14					21
22	.08		.60		.03	.34		.21	.02				22
23	.14		.03			.12	.02	.02	.09		.03		23
24	.17			.01		.25	.01	.02				.03	24
25									.54	.01		.01	25
26				.42					.73	.16	.24	.47	26
27	.24	.04	.01	.21	.01	.15				.02			27
28	.23	.02	.13	.99	.05							.28	28
29			.34	.25	.09			.22		.02		.29	29
30	.10				.10					.15		.03	30
31	.03							.02					31
Total	4.14	.36	2.53	3.08	2.43	1.12	.68	.76	2.50	1.68	1.05	1.18	YEAR'S TOTAL 21.51
Rain Days.	19	7	15	15	15	11	8	11	13	15	14	9	152

W.7,000, XI. 13

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REGISTER OF RAINFALL IN 19 14

FORM A.
BRITISH RAINFALL.

JAN 1915

Kept at Cedars End,
in the County of Sunderland. 2
by W. F. Vint

Lat. Long.
Time of Observation 9. AM
Nearest Railway Station
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 115 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·01				·23	·10		·07	·01	·02	1
2							·35	·62			·16	·11	2
3		·01	·02		·16		·05				·14	·29	3
4				·03		·03				·01	·02	·16	4
5	·02		·11	·04		·01					·58		5
6				·22	·01		·07	·06				08	6
7			·08		·12	·28		·02			·01	·02	7
8	·45		·16		·41	·35		·09		·02		·02	8
9	·32	·02		·04		1·36			·21		06	·03	9
10	·07	·06	·09						·04		·02		10
11		·03			·05	·17			·01		·15	·27	11
12	·03	·05	·02						·07		·05	·47	12
13	·02	·02	·08								·05	·30	13
14	·11	·10					·10				·05	·13	14
15	·02		·30				·13				·59	·03	15
16	·12		·03				1·69		·39		·20		16
17	·05	·01					·13		·55		·02	·02	17
18	·05	·10	·03			·12	·01		·21				18
19	·06						·26		·21		·08		19
20	·05	·05	·45		~~·20~~	·27	·01		·01				20
21	·03	·32	·11			·47		·11		·02	·12	·19	21
22	·01	·01	·08		·20	·11		·07		·06	·15	·14	22
23			·14	·04	·39	·40						·01	23
24	·05			·10		·01		·03			·15		24
25		·04						·06		·50	·02	·19	25
26							·10	·02		·13	·10	·13	26
27	·04									·01	·06	·09	27
28	·01	·05			·01						·02	·01	28
29	·01		·03		·01			·27		·44	·14		29
30		X		·06				·35		·10		·05	30
31	·05	X		X	·03	X	·15	·01	X	·27	X		31
Total	1·57	·87	1·74	·53	1·39	3·58	3·28	1·81	1·70	1·63	2·95	2·76	YEAR'S TOTAL 23·81
Rain Days.	20	14	16	7	10	12	13	13	9	11	24	22	171

W. 8,000. X. 14.

Endhall

3753

REGISTER OF RAINFALL IN 19 15

FORM A.
BRITISH RAINFALL
4. JAN 1916

Kept at Cedars-End,
in the County of Sunderland.
by W. F. Vint

Lat. .... Long. ....
Time of Observation ....
Nearest Railway Station ....
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. ...... in.
" " " " Sea Level 115 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	~~June.~~ July	~~July.~~ June	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·18	·03		·02	·15	·06		·23	·40		·14	·13	1
2		·23	·15				·06	·02	·13		·20	·10	2
3	·38		·16	·11		·27					·14	·89	3
4	·10	·02	·01			·02					·12	·68	4
5	·06	·33			·04			·02		·10		·48	5
6	·01		·05	·02		·56		·01				·04	6
7	·14	·54	·11			·10		·22	·03	·03			7
8		·06	·04			·05		·04			·03		8
9										·04		·67	9
10	·11		·14				03	·12				·14	10
11	·04	·28			·56						·02	·24	11
12	·12	·16		·18	·04					·05	·53	·10	12
13		·02			·01			·20	·01			·03	13
14	·04	·28			·17								14
15	·10	·14				·13		·40				·10	15
16	·02	·16	·04			·33		·05		·02	·17		16
17	·40	·03	·05						·10			·08	17
18		·10	·55						·07	·18	·04	·01	18
19		·06	·03			·03			·03	·32	·01		19
20	·02									·07		·56	20
21		·03		·08		·02		·01		·03		·05	21
22	·40	·01	·01									·09	22
23	·10	·22	·06			·04				·09			23
24			·25	·06					·42	·02		·23	24
25			·01			·02				·06	·19		25
26	·04		·09	·04		·02	·27		·05	·03		·14	26
27	·02	·07	·11			·06	·06			·18		·34	27
28		·06	·11		·29	·01		·46		·27		·01	28
29					·36			·02	·60		·07	·56	29
30	·04	✕		·06		·12			·16				30
31		✕		✕		✕		·32	✕		✕	·03	31
Total	2·32	2·83	1·97	·57	1·62	July 1·84	June ·42	2·12	2·00	1·49	1·66	5·70	YEAR'S TOTAL 24·54
Rain Days.	19	20	18	8	8	16	4	14	11	15	12	23	168

W. 8,000. X. 15.

3687

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.

Kept at Cedars-End, Sunderland.
in the County of Durham
by W. F. Vint

Lat. .... Long. ....
Time of Observation 9 A M.
Nearest Railway Station ....
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 115 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·12	·01	·18			·10	·26			·08	·02		1
2	·02	·01	·04			·07			·08	·02		·03	2
3		·02	·12	·10		·05		·04	1·08	·08	·09		3
4		·10	·07	·03	·74	·08	·17			·65	·36	·01	4
5	·06	·04	·25		·18	·12				·23	·31	·01	5
6		·01	·06	·08	·39	·04	·10			·05	·16	·01	6
7			·11	·04	·15	·41	·28			·01	·01	·26	7
8			·09		·05	·01	·01						8
9			·04		·01	·04	·03					·39	9
10	·07		·06			·02	·09					·53	10
11		·39	·28	·16		·11	·24		·04	·03		·11	11
12	·02		·22		·28	·01	·47					·18	12
13			·30		·05		·15	·13	·02	·25	·05	·21	13
14		·17	·06		·06	·04		·06		·06		·16	14
15		·18	·54				·03	·24					15
16			·23	·11			·06	·38				·18	16
17	·01		·01	·07			·02	·04	·13	·11	·02		17
18		·10	·005	·38		·03	·03	·21	·17	·02	1·08	Snow ·02	18
19	·04		·08	·22				·03	·07		·41	Snow ·09	19
20	·04		·12	·06	·c		·76	·23			·11	·06	20
21	·02	·13	·08	·16	·06				·01		Dew. ·01		21
22		·04	·01	·05		·04				·03			22
23		·02	·03			·14						·37	23
24			·01			·39		·25		·08			24
25	·02	·06	·07		·05	·01		·31		·14	·16	·04	25
26	·24	·09	·01		·01	·03		·16					26
27		·04	·005					·37		·21	·02	·06	27
28		·12			·10	·17		·06	·02	·12		·15	28
29		·30			·02					·12			29
30		X			·01		·05		·05	·12			30
31	·01	X		X		X			X	·11	X		31
Total	·67	1·83	3·07	1·46	2·16	1·91	2·75	2·51	1·67	2·44	2·81	2·87.	YEAR'S TOTAL 26·15.
Rain Days.	12	18	25	12	15	20	16	14	10	19	14	19.	194

W. 8,000, VIII. 16

3543
3556

FORM A.
BRITISH RAINFALL.

DURHAM.
SUNDERLAND
CLEADON P.S.

1917 —

REC …6

Kept at Cleadon …… 9 a.m.

in the County of D…… East Boldon

by Sunderland …… ain Gauge 8 in.

…bove Ground 1 ft. — in.

„ Sea Level 215·68 ft.

SUNDERLAND & SOUTH SHIELDS WATER COMPANY
ENGINEER'S OFFICE
7 FEB 1918
SUNDERLAND

IMPORTANT NO …nd the result entered to the previous day. If an O… niversal rule, he is earnestly requested to add the rea… year in the space provided for it at the end of th… rement of rain, the selection and placin… British Rainfall Organization are given i… n application to Dr. H. R. Mill, 62, Ca…

Jan. 1, following.

Date	Jan.	Feb.	March.							Oct.	Nov.	Dec.	Date.
1	·00	·04	00	15	·00	05	00	·29	·60	00	·17	00	1
2	·10	·00	00	·66	00	·10	00	13	00	00	00	00	2
3	·00	·00	00	·17	00	·03	02	00	01	09	01	00	3
4	·00	·00	02	·00	00	00	00	·01	00	00	02	00	4
5	·00	00	11	·26	00	00	00	·02	00	·06	00	00	5
6	·00	·00	00	·05	00	00	00	·01	00	07	02	00	6
7	·65	·00	02	·00	00	02	00	·03	00	17	00	04	7
8	·07	·00	02	·08	·01	00	00	·22	00	·67	·03	00	8
9	·26	·03	00	·01	00	00	00	·12	00	11	·21	05	9
10	·15	·00	61	·36	·06	00	00	·35	00	·07	·18	00	10
11	·10	·06	00	·04	·13	01	00	·08	00	·06	00	03	11
12	·15	·01	02	·09	·13	·00	00	·01	00	00	00	08	12
13	·13	·00	00	·02	50	·13	00	1.27	·19	·10	00	00	13
14	·26	·00	·01	·18	·54	00	00	11	00	27	00	02	14
15	·20	·00	00	·03	·00	00	06	·11	04	00	00	·22	15
16	·02	·00	00	·17	·00	00	00	·07	·03	00	00	·27	16
17	·07	·04	00	·12	·71	00	00	·62	02	·00	00	·26	17
18	·02	·02	00	·08	·15	00	15	10	00	00	00	·02	18
19	·09	·11	·12	·00	·31	05	00	00	00	00	00	·00	19
20	·12	·32	·05	·02	00	00	01	14	01	00	17	·16	20
21	·01	·23	·10	·00	00	00	00	01	00	01	03	·01	21
22	·00	·00	·23	·00	00	00	00	00	00	02	00	·01	22
23	·02	·01	·00	·00	·05	03	00	·15	00	00	00	00	23
24	·02	·00	·00	·00	00	00	·18	·00	00	·25	·11	·03	24
25	·00	·00	·08	·00	00	·24	·02	·09	·03	·02	·00	24	25
26	·00	·00	·21	·00	00	·04	·00	·57	·23	·01	·08	·05	26
27	·00	·00	·22	·00	00	00	·48	·80	·00	·03	00	·23	27
28	(07)	·00	·03	·00	00	00	·01	·42	·00	·01	00	·03	28
29	·00		·01	·00	·02	00	·04	·19	·00	·12	00	·04	29
30	·06	✕	·01	·00	00	00	00	00	00	·07	04	·08	30
31	·23	✕	·50	✕	·00	✕	·05	·01	✕	01	✕	15	31
Total	2.74	·87	2·37	2.49	2.61	·70	1.02	5·93	1.16	2.22	1.07	2.02	YEAR'S TOTAL 25·20
Rain Days.	21	10	·18	17	11	10	10	26	9	20	12	20	184

W. 8,000, VIII. 16

349 248 28 53 TEM −18 −1 HT 10 THICKNESS 44 258 350 251 283 530

REC

3543

3536

FORM A. BRITISH RAINFALL.

Kept at Cleadon Pumping Station

in the County of Durham

by Sunderland & South Shields Water Co.

Lat. Long.

Time of Observation 9 am.

Nearest Railway Station East Boldon

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 215-68 ft.

SUNDERLAND & SOUTH SHIELDS WATER COMPANY ENGINEER'S OFFICE 7 FEB 1916 SUNDERLAND

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.00	.04	00	.15	.00	05	00	.29	.60	00	.17	00	1
2	.10	.00	00	.66	00	.10	00	13	00	00	00	00	2
3	.00	00	00	.17	00	.03	02	00	01	09	01	00	3
4	.00	.00	02	.00	00	00	00	.01	00	00	02	00	4
5	.00	00	11	.26	00	00	00	.02	00	.06	00	00	5
6	.00	.00	00	.05	00	00	00	.01	00	.07	02	00	6
7	.65	.00	02	.00	00	02	00	.03	00	17	00	04	7
8	.07	.00	02	.08	.01	00	00	.22	00	.67	.03	00	8
9	.26	.03	00	.01	00	00	00	.12	00	11	.21	05	9
10	.15	.00	61	.36	.06	00	00	.35	00	.07	.18	00	10
11	.10	.06	00	.04	.13	01	00	.08	00	.06	00	03	11
12	.15	.01	02	.09	.13	.00	00	.01	00	00	00	08	12
13	.13	.00	00	.02	50	.13	00	1.27	.19	.10	00	00	13
14	.26	.00	.01	.18	.54	00	00	11	00	27	00	02	14
15	.20	.00	00	.03	.00	00	06	.11	04	00	00	.22	15
16	.02	.00	00	.17	.00	00	00	.07	.03	00	00	.27	16
17	.07	04	00	.12	.71	00	00	.62	02	.00	00	.26	17
18	.02	.02	00	.08	.15	00	15	10	00	00	00	.02	18
19	.09	.11	.12	.00	.31	05	00	00	00	00	00	.00	19
20	.12	.32	.05	.02	00	00	01	14	01	00	17	.16	20
21	.01	.23	.10	.00	00	00	00	01	00	01	03	.01	21
22	.00	.00	.23	.00	00	00	00	00	00	02	00	.01	22
23	.02	.01	.00	.00	.05	03	00	.15	00	00	00	00	23
24	.02	.00	.00	00	00	00	.18	.00	00	.25	11	.03	24
25	.00	.00	.08	.00	00	.24	.02	.09	.03	.02	.00	24	25
26	.00	.00	.21	.00	00	.04	.00	.57	.23	.01	.08	.05	26
27	.00	.00	.22	.00	00	00	.48	.80	.00	.03	00	.23	27
28	(.07)	.00	.03	.00	00	00	.01	.42	.00	.01	00	.03	28
29	.00		.01	.00	.02	00	.04	.19	.00	.12	00	.04	29
30	.06		.01	.00	00	00	00	00	00	.07	04	.08	30
31	.23		.50		.00		05	.01		01		15	31
Total	2.74	.87	2.37	2.49	2.61	.70	1.02	5.93	1.16	2.22	1.07	2.02	YEAR'S TOTAL 25.20
Rain Days.	21	10	18	17	11	10	10	26	9	20	12	20	184

W. 8,000, VIII. 16

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44
3556

FORM A.
BRITISH RAINFALL

5. 2. 19

REGISTER OF RAINFALL IN 1918

Kept at Cleadon Waterworks.

in the County of Durham.

by Sunderland & South Shields Water Compy.

Lat. 54·57·58 N, Long. 1·23·45 W.

Time of Observation 9 am.

Nearest Railway Station East Boldon.

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0. in.

" " " " Sea Level 215·68 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·01	·02	·07	·02	·02	00	·00	00	·05	·09	·23	·04	1
2	·08	·02	00	·05	00	00	00	00	·05	00	00	·19	2
3	·06	00	·04	00	·03	00	00	01	00	·08	·19	·01	3
4	·01	00	08	00	·29	00	00	01	00	·05	·05	·01	4
5	00	00	12	00	·80	00	00	·13	00	·01	00	·01	5
6	·04	·14	[illegible]0	·45	·02	·29	00	00	00	·11	00	00	6
7	·09	·08	00	·01	·00	·00	03	00	00	01	·11	00	7
8	00	00	·13	00	·00	00	·07	·01	·16	·04	00	00	8
9	00	·11	00	·07	·00	00	·01	00	·56	·11	00	·01	9
10	00	·02	00	·04	·00	00	·02	00	·04	·01	00	00	10
11	·22	·11	00	·02	·30	00	·16	·01	00	·00	00	·11	11
12	00	·04	00	·03	·02	00	·21	00	·10	·13	00	·02	12
13	00	·03	00	04	·09	00	·00	·01	·01	·22	00	00	13
14	·01	·00	00	04	·01	00	·03	00	·46	·01	00	00	14
15	00	·00	00	·03	·00	·03	·46	00	1·44	·00	00	·64	15
16	00	00	·03	00	·02	·05	·22	·17	·64	·01	00	·33	16
17	·23	00	00	·01	·00	00	·18	·01	·04	·27	00	·10	17
18	·50	00	·08	·08	·01	00	·03	00	·24	·10	00	02	18
19	·38	00	·01	·27	·00	00	·36	·11	·02	52	00	00	19
20	·15	·24	·00	08	·01	·04	·42	00	·14	·05	·01	01	20
21	·21	·01	00	00	·03	·01	·04	00	·08	·08	·01	00	21
22	·03	·00	00	·02	·01	00	·12	00	·00	·01	00	·33	22
23	·24	·01	00	02	·11	00	·78	00	·11	·00	·02	00	23
24	00	00	·00	00	·00	00	·25	00	·23	·02	·01	00	24
25	00	·02	·03	00	·00	00	·03	·16	·02	00	·01	·03	25
26	00	00	00	00	00	00	·23	·02	·12	00	·16	·02	26
27	00	·02	·02	00	·03	·03	·02	·24	·05	00	00	·06	27
28	00	·08	·33	00	00	·02	0·0	00	00	00	·01	·31	28
29	00	╳	·01	00	00	00	00	·03	·30	00	·01	·22	29
30	00	╳	·03	·02	00	00	00	00	·01	00	·01	57	30
31	00	╳	·12	╳	00	╳	·00	·06	╳	00	╳	·02	31
Total	2·26	·95	1·10	1·30	1·80	·47	3·67	·98	4·87	1·93	·83	3·06	YEAR'S TOTAL 23·22
Rain Days.	15	15	14	18	16	7	20	14	22	20	13	21	195

W. 6,500, VII. 18. W W C

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3556

FORM A.
BRITISH RAINFALL.

5 MAR 20

REGISTER OF RAINFALL IN 1919

Kept at Cleadon Pumping Station.

in the County of Durham.

by Sunderland & South Shields Water Coy.

Lat. 54° 54′ 58″ N Long. 1° 23′ 45″ W

Time of Observation 9 am.

Nearest Railway Station East Boldon

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 215·68 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.11	.11	00	.01	.11	00	.46	00	.19	.05	.04	.03	1
2	.00	.09	00	00	00	00	.50	00	.02	00	.08	00	2
3	.26	.01	00	00	.06	.05	.02	00	00	00	.21	00	3
4	.40	.26	.01	00	.08	.01	.01	.01	00	00	.24	.01	4
5	.26	.25	00	00	.00	.02	00	00	00	00	.24	.03	5
6	.00	00	.06	00	.01	00	00	00	00	.02	.04	.06	6
7	.01	00	.38	00	.05	00	00	00	00	00	.02	.29	7
8	.10	00	.01	.05	.21	00	00	.04	00	.06	.34	.13	8
9	.02	00	.15	00	00	.05	00	00	00	.02	.14	.01	9
10	.00	00	.16	.01	.01	.03	00	00	00	.09	.43	.03	10
11	.00	00	.28	00	.08	00	00	00	.28	.05	.25	.01	11
12	.01	00	.22	.02	00	00	00	00	.02	.15	.04	.01	12
13	.04	00	.12	00	00	.10	.14	.13	.01	.11	.03	.00	13
14	.08	.02	.06	.44	00	00	00	.03	00	.11	.19	.04	14
15	.29	.15	.01	.04	00	00	00	.03	00	.00	.02	.65	15
16	.03	.03	00	.01	00	00	00	00	00	.00	.03	.01	16
17	.00	.04	00	.09	.08	00	00	00	00	.00	.16	.00	17
18	.00	00	00	00	.01	00	.02	.09	.01	.00	.00	.02	18
19	.03	.12	.39	.04	00	.18	.06	.05	.06	.00	.04	.03	19
20	.42	.35	.03	00	00	00	.01	.01	00	.00	.00	.22	20
21	.09	.20	.05	00	00	00	00	00	.05	00	.01	.02	21
22	.00	.26	.03	00	00	.05	.09	00	.02	.01	.00	.02	22
23	.02	.01	.03	.04	00	.08	00	.13	00	1.01	.00	.01	23
24	.04	.01	00	00	00	.01	.01	.00	00	.34	.06	00	24
25	.14	.10	00	.09	00	.01	00	.61	.06	.01	.14	00	25
26	.00	.18	.04	.02	00	.02	.01	.14	.02	.28	.34	.30	26
27	.00	00	00	.32	00	00	.00	00	00	1.12	.09	00	27
28	.12	00	00	.14	00	00	00	.83	.00	.50	.46	.20	28
29	.09	X	00	.01	00	.03	00	00	.01	.50	.00	.11	29
30	.03	X	.08	.15	00	.26	00	00	.00	.11	.02	.48	30
31	.15	X	00	X	.03	X	.12	00	X	.18	X	.19	31
													YEAR'S TOTAL
Total	2.80	2.19	2.14	1.51	.43	.90	1.45	2.13	.45	4.42	3.84	2.91	26.10
Rain Days.	22	14	18	16	11	14	12	12	12	19	25	24	202

W. 8,000. X. 15.

324 3556

9 JAN 1921

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Cleadon Pumping Station

in the County of Durham

by The Sunderland & South Shields Water Coy.

Lat. 54° · 54′ · 58″ N. Long. 1° · 23′ · 45′ W.

Time of Observation 9 am.

Nearest Railway Station East Boldon

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. in.

" " " Sea Level 215·68 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	00	00	13	·32	·59	·01	·11	·01	00	·32	00	00	1
2	02	00	·13	·28	00	00	·31	·01	00	·10	00	·21	2
3	·01	00	00	·15	00	·11	·24	·15	·04	·48	00	·25	3
4	00	00	00	·02	·03	00	·34	·69	·04	1·23	·01	·35	4
5	00	00	·03	·06	·14	00	·29	08	00	00	00	·04	5
6	00	00	·11	·00	·12	00	·09	·01	·13	·01	00	·06	6
7	·02	00	00	00	00	00	·11	00	·01	·00	00	·13	7
8	00	00	·02	·05	·16	00	·36	·03	00	·01	·13	·01	8
9	·13	·01	01	·26	00	00	·04	·08	·03	·01	00	00	9
10	·81	·04	·03	·40	00	00	·05	00	·01	00	00	·08	10
11	·12	00	00	·20	·28	·01	00	00	00	00	00	·20	11
12	·31	00	00	·36	·02	00	00	00	·02	00	·08	·50	12
13	·13	00	00	00	00	00	·08	00	00	00	·09	·15	13
14	00	·02	·43	·04	00	00	00	00	·03	·05	·04	·05	14
15	00	·04	·04	·04	00	00	·36	00	00	·04	·04	·01	15
16	00	00	·03	00	00	00	00	00	·19	·03	00	00	16
17	00	00	00	00	·14	00	·01	·28	·08	·01	00	00	17
18	·24	·06	00	00	·09	00	·06	00	·25	00	00	00	18
19	00	·50	00	·08	00	00	00	·04	·04	00	00	00	19
20	·14	·02	00	·09	00	·14	00	00	·23	00	00	00	20
21	00	00	00	·13	00	00	·10	·36	·04	00	00	·04	21
22	·04	00	00	·10	00	00	·04	00	00	00	·02	00	22
23	00	00	·08	·04	00	00	·21	00	00	00	00	·11	23
24	00	·01	·62	00	00	00	·01	00	00	00	·01	·02	24
25	00	·01	·02	·01	00	·02	·32	00	00	·01	00	00	25
26	00	·01	·43	·01	00	00	·03	00	00	·01	00	·01	26
27	·04	00	00	·04	·45	·35	00	00	00	00	·25	00	27
28	·04	00	·34	·04	·05	·05	·01	00	00	00	·05	·31	28
29	·09	00	·05	00	·89	00	·02	·00	·02	00	·04	·68	29
30	·04		·05	00	·09	00	00	00	·24	00	·05	·04	30
31	·09		·00		·01		·05	00		00		00	31
Total	2·24	·45	2·61	2·81	3·36	·69	3·36	1·44	1·46	2·31	·84	3·31	Year's Total 25·51
Days with ·01 in. or more	16	10	14	21	14	4	23	11	16	13	12	20	180
Days with ·04 in. or more	13	4	11	18	11	~~3~~ 4	18	4	10	6	9	16	~~126~~ 7 127

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

SUNDERLAND

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GLAXHEUGH FARM

DURHAM

1911 - 1920 17, 19-20

FORM A2.
BRITISH RAINFALL.

2 - JAN 1912

Kept at Chathe

in the County of

by J. P. C

in.

ound ft. in.

Level ft.

e

ance Direction

IMPORTANT NO e result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·04	—	—	—	—	—	—	·08	—	—	·08	—	1
2	·20	—	·03	—	·07	—	·33	—	—	·18	—	—	2
3	—	—	·13	·09	·10	—	—	—	—	·15	·07	—	3
4	—	—	—	·21	—	—	—	·38	—	—	—	·20	4
5	·21	—	—	—	—	—	—	·20	—	·20	—	—	5
6	—	—	·18	·09	—	—	—	·07	—	·04	—	·24	6
7	·08	—	—	·03	—	—	—	—	—	—	·12	—	7
8	—	—	·15	—	—	·10	—	—	—	—	·07	·10	8
9	—	—	—	—	—	—	—	—	—	—	—	—	9
10	—	·07	—	·07	—	—	—	—	—	—	·11	·58	10
11	·41	—	—	—	·05	—	—	—	·20	—	—	·06	11
12	·24	—	·15	—	·12	—	—	—	·67	—	·35	—	12
13	—	·11	·18	—	—	—	—	—	—	—	·09	·39	13
14	—	·17	·22	—	·34	—	—	—	—	—	—	·45	14
15	—	·03	·07	—	—	—	—	—	—	—	—	·30	15
16	—	—	·53	—	—	—	·10	—	—	—	—	—	16
17	—	—	·33	·12	—	·30	—	—	—	—	·22	·10	17
18	—	—	·06	—	—	·33	—	—	—	—	·75	·05	18
19	—	—	·14	·05	—	·27	—	—	—	·38	·74	—	19
20	—	·14	—	—	—	—	·13	·35	—	—	·06	·30	20
21	—	·14	—	—	—	—	—	·71	·06	·04	·20	—	21
22	·20	—	—	—	—	—	—	·20	—	·20	·06	—	22
23	·05	·10	—	—	—	1·20	—	—	·11	—	—	·15	23
24	—	·03	—	—	—	1·93	—	—	—	—	—	·06	24
25	—	—	—	—	—	·40	—	—	·08	·30	·05	—	25
26	—	—	·05	—	—	—	—	·08	—	·65	·35	—	26
27	—	·10	—	·33	—	—	—	·20	—	—	—	—	27
28	—	—	—	·36	—	·03	—	—	·11	—	—	·09	28
29	—		—	—	—	—	·15	—	·60	·07	—	·03	29
30	—		·06	—	·10	·04	—	—	·08	·17	·04	—	30
31	—		—		·15		—	—		—		·04	31
Total	1·43	·89	2·18	1·35	·93	4·60	·71	2·27	1·91	2·28	3·36	3·14	TOTAL for year 23·05
No. of Rain Days	8	9	14	9	7	9	4	9	8	11	16	16	120

9,000, IX. '10.

FORM A2.
BRITISH RAINFALL
2 - JAN 1912

Kept at Claxheugh Grove.
in the County of Durham.
by J. P. Cornett. Esq.

Rain Gauge
Pattern
Diameter of top .... in.
Height of top above Ground .... ft. .... in.
" " " Sea Level .... ft.

Time of Observation

Nearest Railway Station
Name
Distance .... Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·04	—	—	—	—	—	—	·08	—	—	·08	—	1
2	·20	—	·03	—	·07	—	·33	—	—	·08	—	—	2
3	—	—	·13	·09	·10	—	—	—	—	·15	·07	—	3
4	—	—	—	·21	—	—	—	·38	—	—	—	·20	4
5	·21	—	—	—	—	—	—	·20	—	·20	—	—	5
6	—	—	·18	·09	—	—	—	·07	—	·04	—	·24	6
7	·08	—	—	·03	—	—	—	—	—	—	·12	—	7
8	—	—	·15	—	—	·10	—	—	—	—	·07	·10	8
9	—	—	—	—	—	—	—	—	—	—	—	—	9
10	—	·07	—	·07	—	—	—	—	—	—	·11	·58	10
11	·41	—	—	—	·05	—	—	—	·20	—	—	·06	11
12	·24	—	·15	—	·12	—	—	—	·67	—	·35	—	12
13	—	·11	·18	—	—	—	—	—	—	—	·09	·39	13
14	—	·17	·22	—	·34	—	—	—	—	—	—	·45	14
15	—	·03	·07	—	—	—	—	—	—	—	—	·30	15
16	—	—	·53	—	—	—	·10	—	—	—	—	—	16
17	—	—	·33	·12	—	·30	—	—	—	—	·22	·10	17
18	—	—	·06	—	—	·33	—	—	—	—	·75	·05	18
19	—	—	·04	·05	—	·27	—	—	—	·38	·74	—	19
20	—	·14	—	—	—	—	·13	·35	—	—	·06	·30	20
21	—	·14.	—	—	—	—	—	·71	·06	·04	·20	—	21
22	·20	—	—	—	—	—	—	·20	—	·20	·06	—	22
23	·05	·10	—	—	—	1·20	—	—	·11	—	—	·15	23
24	—	·03	—	—	—	1·93	—	—	—	—	—	·06	24
25	—	—	—	—	—	·40	—	—	·08	·30	·05	—	25
26	—	—	·05	—	—	—	—	·08	—	·65	·35	—	26
27	—	·10	—	·33	—	—	—	·20	—	—	—	—	27
28	—	—	—	·36	—	·03	—	—	·11	—	—	·09	28
29	—		—	—	—	—	·15	—	·60	·07	—	·03	29
30	—		·06	—	·10	·04	—	—	·08	·17	·04	—	30
31	—		—		·15		—	—		—		·04	31
Total	1·43	·89	2·18	1·35	·93	4·60	·71	2·27	1·91	2·28	3·36	3·14	TOTAL for year 23·05
No. of Rain Days	8	9	14	7	7	9	4	9	8	11	16	16	120

9,000, IX. '10.

Smade

REGISTER OF RAINFALL IN 1912

FORM A2.
BRITISH RAINFALL.
3 - JAN 1913

Kept at Clarkeugh Grove Rd
in the County of Durham 2
by J. P. Cornett Esq.

Rain Gauge { Pattern
Diameter of top in.
Height of top above Ground ft. in.
" " " Sea Level ft.

Time of Observation
Nearest Railway Station { Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	·24	—	—	—	—	·20	·18	—	·60	—	·10	1
2	—	·16	·05	—	·06	·65	·26	·61	—	·34	·07	—	2
3	—	—	—	—	·03	·66	—	·31	·27	—	—	·25	3
4	·21	—	—	—	—	·42	—	·43	—	—	·23	—	4
5	—	—	·30	—	·16	·25	—	—	—	—	—	—	5
6	·28	·11	—	—	·07	·08	—	—	—	—	—	—	6
7	—	·04	—	—	·10	—	—	·34	·35	—	·03	—	7
8	·32	·07	—	—	—	—	—	—	·21	—	·04	—	8
9	—	—	·15	—	—	·05	—	—	—	—	—	—	9
10	—	—	—	·08	—	—	—	·10	·04	—	·10	·07	10
11	—	·34	—	—	—	—	—	·09	—	—	·50	—	11
12	—	·44	—	—	—	·15	·52	—	—	—	·27	—	12
13	—	—	·03	—	—	·08	—	·10	—	—	·25	·04	13
14	·07	—	·12	—	—	·08	—	·03	—	—	—	—	14
15	—	·08	·09	—	·70	·18	—	—	—	—	—	·29	15
16	·43	—	·03	—	·07	—	—	—	—	—	—	—	16
17	—	·13	·15	—	—	·20	—	·20	—	—	—	—	17
18	·12	·20	—	—	—	—	—	—	—	—	—	—	18
19	·10	·53	—	—	—	—	·27	·33	—	—	—	—	19
20	·16	·08	—	—	·78	·07	·14	—	—	·23	·04	—	20
21	·28	—	·32	—	·22	—	—	—	—	—	·03	—	21
22	—	·04	—	—	·20	·50	—	·10	—	—	—	—	22
23	·04	—	—	—	—	—	—	·72	—	·62	—	·04	23
24	·33	—	—	—	—	—	—	—	—	—	—	·11	24
25	·37	—	—	—	—	·32	·29	·35	—	·17	·05	—	25
26	·06	·04	—	—	—	·05	·11	·03	—	·76	·06	·21	26
27	—	—	—	—	·03	·25	·44	—	—	·25	—	·24	27
28	—	—	—	·05	·03	·04	·15	·38	—	·15	—	—	28
29	—	·03	·41	—	—	—	·13	—	·67	—	—	—	29
30	—		—	—	—	—	—	·03	·38	·20	—	—	30
31	—		·20		·04		·43	·24		—		·03	31
Total	2·77	2·53	1·85	·13	2·49	4·03	2·94	4·57	1·92	3·32	1·67	1·38	TOTAL for year
No. of Rain Days.	13	·15	·11	·2	·13	·17	·11	·18	·6	·9	12	·10	29·60

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W. 8,000, X. '11.

FORM A2.
BRITISH RAINFALL.
3 - JAN 1914

REGISTER OF RAINFALL IN 1913

Kept at [illegible] ½ RR

in the County of Dublin 2

by J. P. Cornett Esq.

RAIN GAUGE { Pattern
Diameter of top in.
Height of top above Ground ft. in.
" " " Sea Level ft.

Time of Observation

Nearest Railway Station { Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	—	—	·21	—	—	—	—	·38	—	—	·03	1
2	—	—	·13	—	·02	—	—	—	—	—	—	—	2
3	·04	—	—	—	—	—	·35	—	—	—	—	—	3
4	·20	·05	—	—	—	—	·03	—	—	·16	—	·07	4
5	·41	—	—	—	—	—	—	—	—	·08	—	—	5
6	—	·13	—	—	—	—	·22	—	—	—	·05	—	6
7	—	·12	·27	—	·90	·18	—	·07	—	·65	—	—	7
8	—	—	—	—	·04	—	—	—	—	·12	·08	—	8
9	—	·10	—	·10	·82	—	—	—	—	—	—	—	9
10	—	—	·15	—	·23	—	·08	—	—	—	·20	—	10
11	1·10	—	—	·55	·10	—	—	—	—	—	—	—	11
12	1·05	·02	—	—	—	—	—	—	·42	—	—	—	12
13	—	—	—	—	—	—	—	—	—	—	·22	—	13
14	·16	—	—	—	—	—	—	—	—	·13	·03	—	14
15	·06	—	·18	·16	—	—	—	·08	—	—	—	—	15
16	·03	—	—	—	—	—	—	·05	·06	—	—	—	16
17	·02	—	—	·25	—	—	—	—	—	—	·06	—	17
18	·05	—	·40	·26	·14	—	—	—	—	—	·05	—	18
19	·22	—	—	—	—	·20	—	—	·20	—	—	—	19
20	·41	·10	·04	·03	·08	—	—	—	—	·09	·15	—	20
21	·10	—	·04	—	—	—	·08	·18	—	—	—	—	21
22	—	—	·70	—	—	·14	—	—	—	—	—	—	22
23	·23	—	·03	—	—	·23	—	—	·12	—	—	—	23
24	·15	—	—	—	—	·35	—	·20	—	—	—	—	24
25	—	—	—	—	—	—	—	—	·44	—	—	—	25
26	—	—	·02	·04	—	—	—	—	·80	·20	·28	·41	26
27	·02	—	—	·25	—	·13	—	—	—	—	—	—	27
28	·22	·10	·22	·53	—	—	—	—	—	—	—	·15	28
29	·02		·44	·97	·22	—	—	·28	—	—	—	·34	29
30	·10		—	—	·20	—	—	—	—	·12	—	—	30
31	—		—		—		—	—		—		·03	31
Total	4·59	·62	2·62	3·35	2·75	1·23	·76	·86	2·42	1·55	1·12	1·03	TOTAL for year
No. of Rain Days.	·19	7	·12	·11	·10	·6	·5	6	7	8	9	6	22·90

W. 8,000, X. '11.

106

REGISTER OF FALL IN 1914

FORM A.
BRITISH RAINFALL.

5 - JAN 1915

Kept at Claxheugh Grove.
in the County of Durham. 2
by J. T. Cornell Esq.

Lat. .... Long. ....
Time of Observation ....
Nearest Railway Station ....
Diameter of Rain Gauge .... in.
Height of top of Gauge above Ground .... ft. .... in.
" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	—	—	—	—	—	·20	—	—	·09	—	—	1
2	—	—	—	—	—	—	·40	·55	—	·03	·24	·16	2
3	—	—	—	—	·21	—	—	—	—	—	·15	·31	3
4	·05	—	—	—	—	—	—	—	—	—	·03	·16	4
5	—	—	·15	·09	—	—	—	—	—	—	·58	—	5
6	—	—	—	·24	—	—	—	—	—	—	—	·11	6
7	—	—	—	—	·15	·37	—	—	—	—	—	·03	7
8	·43	—	·24	—	·23	·30	—	—	—	—	—	·04	8
9	·27	·11	—	—	—	1·38	—	·10	·16	—	—	·04	9
10	—	·09	·10	·08	·05	—	—	—	·05	—	—	·02	10
11	—	—	·09	—	—	·21	—	—	—	—	·29	—	11
12	—	—	—	—	—	—	—	—	—	—	·07	·75	12
13	—	·10	·09	—	—	—	—	—	—	—	·06	·32	13
14	·30	—	—	—	—	—	—	—	—	—	—	·15	14
15	—	—	—	—	—	—	—	—	—	—	·72	·04	15
16	—	—	·34	—	—	—	1·54	—	·47	—	·20	—	16
17	·21	—	—	—	—	—	·10	—	·58	—	—	·04	17
18	—	—	—	—	—	·11	—	—	·12	—	—	·03	18
19	—	·05	—	—	—	—	—	—	·17	—	·08	—	19
20	·15	—	·42	—	—	·33	—	—	—	·16	—	—	20
21	·05	·50	—	—	—	·37	·30	·15	—	—	·16	—	21
22	—	—	·11	·10	—	·12	—	—	—	—	·13	·22	22
23	—	·03	·09	—	·42	·35	—	·05	—	—	—	—	23
24	·08	—	—	—	—	—	—	·02	—	—	·10	—	24
25	—	—	—	—	—	—	—	—	—	·38	·03	·26	25
26	—	—	·08	—	—	—	·07	·13	—	·15	—	·12	26
27	—	—	—	—	—	—	—	—	—	·03	·10	—	27
28	—	·11	—	—	—	—	—	·07	—	·40	·06	—	28
29	·07		·05	—	—	—	—	—	—	—	·03	—	29
30	—		—	—	—	—	—	·40	—	·11	·11	·11	30
31	—		—		—		·16	—		·36		—	31
Total	1·61	·99	1·76	·51	1·06	3·54	2·77	1·47	1·55	1·71	3·14	2·91	YEAR'S TOTAL 23·02
Rain Days.	9	7	11	4	5	3·54 9	7	8	6	9	18	10	23·02 ~~11~~

W.7,000, XI. 13

S made 3752

FORM A. BRITISH RAINFALL.
6. JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Claxheugh House
in the County of Durham
by J. P. Cornett Esq.

Lat. .... Long. ....
Time of Observation 9 a.m.
Nearest Railway Station Hylton
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground .... ft. .... in.
" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·09

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·26	·04	·01	·01	·21	-	·07	·10	·28	·01	·14	·18	1
2	—	·20	·17	-	-	·09	·04	·08	·03	-	·16	·14	2
3	·40	·01	·18	·05	-	-	·31	·02	-	-	·78	1·10	3
4	·13	·05	-	·04	·04	·03	-	—	-	-	·18	·73	4
5	—	·04	·03	-	-	·02	-	·02	-	·09	·02	·52	5
6	·06	·36	·05	·03	-	·04	·30	·01	-	·03	-	·05	6
7	·15	·56	·10	·01	-	-	·33	·12	-	-	—	—	7
8	—	·06	·03	-	·03	-	·07	·10	-	-	·04	·01	8
9	—	·03	-	-	-	-	-	·01	·01	·03	·01	·77	9
10	—	-	·16	-	-	·06	-	·19	-	-	-	·25	10
11	·15	·13	-	·02	·74	-	-	—	-	-	·02	·16	11
12	·04	·33	-	·18	·02	-	·19	·01	-	·10	·68	·08	12
13	·15	·06		-	·02	-	-	·26	-	—	-	·02	13
14	·03	·37		·01	·17	-	·01	·20	·02	—	-	—	14
15	·07	·11	-	-	-	-	·01	·29	-	—	·04	·10	15
16	·01	·04	·08	-	-	-	·30	—	-	·09	·07	-	16
17	·10	[illegible]	·14	-	-	-	·02	—	·14	-	·01	·05	17
18	-	[illegible]	·40	-	-	-	-	-	·15	·08	·04	·01	18
19	-	·06	·10	-	-	-	·02	-	·05	·23	-	—	19
20	·03	-	-	·07	·07	-	-	·01	-	·06	-	·61	20
21	·15	·07	-	-	·08	-	-	-	-	[illegible]	-	·04	21
22	·20	-	·06	-		-	-	·01	-	-	—	·11	22
23	·18	·14	·09	·01	-	·01	·33	—	·01	·12	—	·17	23
24	—	-	·23	·03	-	·15	—	-	·42	·05	—	·07	24
25	-	-	·02	-	·07	·20	·06	-	-	·12	·14	·01	25
26	·07	-	·14	-	-	-	·02	-	·02	·02	·03	·36	26
27	·03	·05	·05	-	-	-	·23	-	-	·16	·01	·31	27
28	-	[illegible]	·10	-	·28	-	·04	·29	·01	·30	-	·03	28
29	·01		·01	-	·27	-	·01	·14	·64	-	·07	·83	29
30	·03	X	-	-	·05	-	·05	-	·05	·01	—	—	30
31	·02	X	·02	X	-	X	·03	·33	X	-	X	·07	31
Total	2·29	2·88	2·17	·46	1·99	·60	2·44	2·19	1·83	1·53	1·82	6·78	YEAR'S TOTAL 26·96
Rain Days.	21	22	21	11	13	8	20	18	13	17	17	26	207

W. 8,000. X. 14.

3686

FORM A. BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1916

Kept at Clavheugh Grove

in the County of Durham.

by The Ford Paper Works Ld.

Lat. Long.

Time of Observation

Nearest Railway Station Hylton

Diameter of Funnel of Rain Gauge 5½ in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	09	·01	·25	-	-	·10	·22	-	-	-	·03	-	1
2	01	-	06	-	-	·06	03	-	·04	·03	·01	·03	2
3	-	·01	·05	09	-	·08	-	05	·96	·05	·18	·01	3
4	-	·08	·12	·02	·70	09	·21	-	·06	·56	·04	-	4
5	·05	·02	·13	·01	·15	·12	·04	-	-	·22	·55	·03	5
6	-	03	·10	·08	·30	·02	-	-	-	·12	·15	-	6
7	-	·02	·14	·02	·25	·30	·13	-	-	·03	·01	·26	7
8	-	-	·11	-	·07	·04	-	-	-	-	-	·02	8
9	-	·01	·04	-	·01	·02	·02	-	-	-	-	·42	9
10	·11	-	·03	-	-	·08	·12	-	-	·01	-	·46	10
11	-	·34	·21	·14	-	·06	·24	-	·02	·04	-	·11	11
12	·01	-	·37	02	·28	·01	·57	·10	-	-	-	·3	12
13	-	·02	·36	-	·08	-	·12	·12	·02	·26	·02	·45	13
14	-	·11	·07	-	·02	·02	01	·12	-	·01	-	·27	14
15	-	·2	·44	·01	·01	-	·01	·31	-	-	-	·03	15
16	-	·01	·21	·09	·01	-	·07	·29	-	·01	-	·12	16
17	·03	-	·01	·04	-	-	·02	·05	·14	·13	·03	·03	17
18	-	·20	·04	·25	-	-	·03	·21	·04	·02	·42	·05	18
19	·05	·01	·08	·23	-	·02	-	-	·04	-	1·10	·11	19
20	·04	-	16	·10	-	-	·92	·11	·01	-	·10	·07	20
21	·01	09	·06	·02	·06	-	·01	-	-	-	·01	-	21
22	·0	·07	·02	-	-	·04	-	-	-	·04	-	-	22
23	-	·03	·02	·03	-	·06	-	·01	-	·01	-	·2	23
24	-	-	02	-	-	·27	-	·26	-	-	·04	·02	24
25	-	·09	·08	-	·04	03	-	·38	-	·32	·02	·04	25
26	·23	·15	·01	-	-	·01	-	·26	-	·01	·04	-	26
27	-	·16	-	-	-	-	-	·38	-	·05	·05	·06	27
28	-	·14	-	-	·03	·16	-	·07	·02	·20	-	·15	28
29	-	·38	-	·01	-	-	-	-	·04	·32	-	-	29
30	-	✕	-	-	·03	-	·03	-	·02	·14	-	-	30
31	·01	✕	-	✕	·02	✕	-	-	✕	·07	✕	-	31
Total	·65	2·10	3·10	1·16	2·06	1·59	2·82	2·72	1·41	2·64	~~2·72~~ 2·80	3·24	YEAR'S TOTAL 26·45
Rain Days.*	12	22	26	16	16	20	18	15	12	22	17	22	218

W. 8,000. X. 15.

3535

W D L

REGISTER OF RAINFALL IN 1917

FORM A.
BRITISH RAINFALL.
8. JAN 1918

Kept at Claxheugh Grove

in the County of Durham

by Messrs. The Ford Paper Works Ltd.

Lat. Long.

Time of Observation

Nearest Railway Station Hylton

Diameter of Funnel of Rain Gauge 5½ in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	–	–	–	·32	–	·05	–	·25	·65	–	·14	·01	1
2	·1	–	–	·4	–	·05	–	–	–	–	·04	–	2
3	–	–	–	–	–	·05	–	·16	–	·03	–	–	3
4	–	–	·04	·	–	–	–	–	–	–	·02	–	4
5	–	–	·24	·52	–	–	–	·01	–	·13	·01	–	5
6	–	–	–	–	–	–	–	·03	–	·25	–	–	6
7	·84	–	·16	–	–	·03	–	·15	–	–	·01	·05	7
8	·02	–	·14	·09	–	–	–	·24	–	·56	·03	–	8
9	·5	–	·03	·04	–	–	–	·21	–	·1	·17	·09	9
10	·12	–	·46	·18	·1	–	–	·14	–	·08	·13	–	10
11	·13	·04	–	·06	·1	–	–	·03	–	·04	–	–	11
12	·15	·	·04	·06	·08	–	–	–	–	–	–	·05	12
13	·08	·	–	–	·81	·07	–	·45	–	·24	–	–	13
14	·32	·01	–	·09	1·17	–	–	·05	·15	·04	–	·05	14
15	·26	–	–	·01	–	–	–	·65	·01	–	–	·3	15
16	–	–	–	·15	–	·06	–	·05	–	·01	–	·53	16
17	·01	·04	–	·08	·44	–	–	·65	–	–	–	·32	17
18	·02	–	–	·1	·15	–	·1	·05	–	–	–	–	18
19	·1	·15	·16	–	·2	·03	–	–	–	–	–	–	19
20	·01	·20	·04	·01	·	·24	–	·22	·01	–	·15	·2	20
21	·03	·21	·18	–	·	–	–	·01	–	–	·01	–	21
22	–	–	·09	–	·	–	–	–	–	–	–	–	22
23	·01	–	–	–	·05	·02	–	·06	–	–	·03	–	23
24	–	–	–	·03	–	–	·11	–	–	·2	·2	·04	24
25	·01	–	·13	–	–	·22	–	·22	·03	–	–	·17	25
26	·01	–	·19	–	–	·09	·14	·23	·19	–	·04	·02	26
27	·04	–	·19	·	–	–	·48	·8	–	·04	–	·27	27
28	·01	–	·05	·	–	–	·01	·48	–	·06	–	·04	28
29	·01	✗	·03	–	–	–	·02	·32	–	·16	–	–	29
30	·04	✗	–	–	–	–	–	–	–	·1	·71	·07	30
31	·25	✗	–	✗	–	✗	·02	–	✗	–	✗	·04	31
Total	3·16	·65	2·17	2·14	3·10	·91	·88	5·46	1·04	2·04	1·09	2·25	YEAR'S TOTAL 24·89 ~~20·74~~
Rain Days.	23	6	16	15	9	11	7	23	6	15	14	16	161

W. 8,000, VIII. 16

Exd. E.R.G.

37

FORM A.
BRITISH RAINFALL.
14. 1. 19

REGISTER OF RAINFALL IN 1918.

Kept at Claxheugh Grove.
in the County of Durham.
by The Ford Paper Works. Ltd.

Lat. Long.
Time of Observation 9 A.M.
Nearest Railway Station Hylton.
Diameter of Funnel of Rain Gauge 5½ in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	·27	—	·02	·02	·08	—	—	—	·09	—	·19	—	1
2	·15	—	—	·01	—	—	—	—	—	·13	·08	·17	2
3	·03	—	—	·04	—	—	—	—	—	—	·39	·23	3
4	·01	—	·05	—	·06	—	·01	—	—	·09	—	—	4
5	—	—	·10	—	1·05	—	·005	·03	—	—	·11	—	5
6	·01	·24	·04	·38	—	·17	—	·04	—	—	—	—	6
7	·12	·06	—	·02	—	—	·12	—	—	—	—	·07	7
8	·01	—	·17	—	—	—	·03	·01	·18	·07	—	—	8
9	—	·06	—	—	—	—	—	—	·16	·09	—	—	9
10	—	·07	·01	·12	—	—	·05	—	·5	—	—	—	10
11	·24	·12	—	·04	—	—	—	—	—	—	—	—	11
12	—	·06	—	·02	·29	—	·44	—	—	·17	·12	—	12
13	—	·03	—	·03	·11	—	—	—	—	—	—	—	13
14	·04	—	—	·21	—	—	·05	—	—	·18	—	·38	14
15	—	—	—	—	—	—	·46	—	·29	—	—	·34	15
16	·01	—	—	—	—	·02	·25	·13	·28	—	—	—	16
17	·25	—	—	—	—	—	·23	—	—	·35	—	·05	17
18	·46	—	·10	·04	—	—	·07	—	·21	·20	—	—	18
19	·44	—	—	·24	—	—	·4	·12	·03	·16	·09	·20	19
20	·13	·26	—	·22	—	—	·17	—	—	·18	—	—	20
21	·25	—	—	—	·01	·04	·13	—	·09	—	—	·18	21
22	—	—	—	—	—	—	·12	—	—	—	·10	·19	22
23	·22	—	—	—	·17	—	·49	—	—	·12	—	—	23
24	—	—	—	—	—	—	·02	—	·19	—	—	—	24
25	—	—	·05	—	—	·02	—	·11	·23	—	—	—	25
26	—	—	—	—	—	—	—	·12	—	—	—	·17	26
27	—	·06	·01	—	·09	·01	—	·05	·2	—	—	—	27
28	—	·04	—	—	—	·03	·30	·13	·3	—	—	—	28
29	—	×	·25	—	—	—	—	—	·1	—	—	·56	29
30	—	×	—	—	—	—	—	—	—	—	—	·66	30
31	—	×	·18	×	—	×	—	·09	×	·09	×	·09	31
Total	2·64	1·00	·98	1·39	1·86	·29	3·345	·83	2·85	1·83	1·08	3·29	YEAR'S TOTAL 21·385
Rain Days.	16	10	11	13	8	6	18	10	14	12	7	13	138

W. 8,000, IX. 17.

3362

SAN

REGISTER OF RAINFALL IN 1919.

FORM A.
BRITISH RAINFALL.

Kept at Ford Paper Works, (Claxheugh, Grove)
in the County of Durham
by

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge 5½ in.
Height of top of Gauge above Ground — ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·08	·18	–	–	–	–	·59	·001	–	·005	·05	·04	1
2	–	–	–	–	–	–	·60	·01	–	–	·15	–	2
3	·15	–	–	·09	·29	–	·02	–	·50	·04	·24	–	3
4	1·00	–	·05	–	–	·11	·01	–	·01	–	·29	·04	4
5	·22	·28	–	–	·30	–	–	·05	–	·005	·17	·015	5
6	–	·10	·12	–	·10	–	–	·009	·001	·015	·17	·11	6
7	–	–	–	–	·04	–	–	·003	·003	·04	·04	·25	7
8	·14	–	–	·09	–	–	–	–	–	–	·29	–	8
9	·03	–	·23	–	–	·05	–	·001	–	·01	·29	·07	9
10	·13	–	·19	–	–	·005	·001	–	–	–	·005	·06	10
11	–	–	·47	·16	·19	–	–	–	·60	–	·01	–	11
12	–	–	·31	–	–	–	–	–	–	·005	·20	–	12
13	–	–	·09	·21	–	·12	·13	–	·10	–	·25	·02	13
14	–	–	–	·07	·07	–	·001	–	–	·22	·35	·02	14
15	·34	–	·13	–	–	–	–	·001	–	–	·07	·57	15
16	·07	·28	–	·14	–	–	–	–	·03	–	·11	·005	16
17	–	–	–	·09	–	–	–	·01	·07	–	·005	–	17
18	–	–	–	–	·05	–	–	·17	–	–	–	·1	18
19	·01	–	·07	–	–	·05	·001	·07	–	–	·12	·02	19
20	·37	–	·19	–	–	·005	–	·001	–	–	–	·1	20
21	–	–	·18	–	–	–	–	·05	·157	·10	–	·11	21
22	–	·15	–	·21	–	·26	–	·007	·015	·005	–	·02	22
23	·10	·20	–	–	–	·56	·06	·04	–	·56	·01	–	23
24	–	–	·06	–	–	·01	–	·002	–	·12	·06	–	24
25	–	–	·05	·13	–	–	·001	·03	·11	·55	·30	–	25
26	·15	·30	–	·07	–	–	·01	·02	·015	·46	·35	·29	26
27	·05	–	–	–	–	·01	–	·001	–	·5	·04	·08	27
28	·15	–	–	·23	–	–	–	·05	·005	·3	·29	·16	28
29	·16	–	·07	–	–	·03	–	–	–	·45	·07	·14	29
30	·15		–	·11	–	·29	–	–	·04	·35	·06	·30	30
31	·13		–		–		–	–		·2		·34	31
Total	3·43	1·49	2·21	1·60	1·04	1·50	1·424	·526	1·656	3·895	3·99	2·86	YEAR'S TOTAL 25·621
Rain Days	18	7	14	12	7	11 12	7 11	12 19	11 14	17 19	25 ~~26~~	22	~~181~~ 163

~~HRR~~ and forward

3241

5 JAN 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Glaxheugh Grove
in the County of Durham
by The Ford Paper Works Ltd.

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station South Hylton.
Diameter of Funnel of Rain Gauge 5½ in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	·015	·27	·39	·5	·09	·1	—	·15	·26	—	—	1
2	—	—	·09	·31	(·01)	·1	—	·03	·06	·23	—	·24	2
3	—	—	—	—	·01	—	·65	·05	—	·32	·005	—	3
4	·01	—	—	·29	·06	—	·32	·46	·02	·91	—	·31	4
5	·01	·005	·05	—	·21	—	·36	·04	·1	·005	—	·3	5
6	·27	—	·9	—	·1	—	·07	—	—	·005	—	·11	6
7	·5	—	·9	—	—	—	·21	—	—	—	·01	·06	7
8	·57	—	—	—	·15	—	·35	·015	—	·01	·155	—	8
9	~~·26~~	·01	—	·4	·049	—	—	·165	·04	·005	—	·02	9
10	—	·15	·005	·44	—	—	·04	—	·055	—	—	·05	10
11	—	—	·005	·34	·3	·01	—	—	—	—	—	·28	11
12	·26	—	—	·41	—	—	·005	—	·01	—	·005	·39	12
13	·21	·01	·12	·015	·01	—	—	—	·045	·005	—	·22	13
14	—	·03	·5	·065	—	—	·06	—	·02	·13	·13	·08	14
15	—	·06	·07	·03	—	—	—	—	—	·11	·03	·02	15
16	—	—	·01	·03	·02	—	·36	—	·16	—	—	—	16
17	·07	—	—	—	·1	—	·14	·31	·15	·13	—	—	17
18	·17	·2	—	·007	(·13)	—	·08	·015	·08	—	—	—	18
19	—	·57	—	·06	—	·07	—	·03	·07	—	—	—	19
20	·12	·08	—	·096	—	—	—	—	·05	—	—	—	20
21	—	—	—	·02	—	—	·09	·31	·04	—	—	·02	21
22	·04	—	—	·115	—	—	·07	—	—	—	—	—	22
23	—	—	·1	·04	—	—	·13	—	—	—	·02	·08	23
24	·005	·005	·71	·006	—	~~·005~~	·33	—	—	—	—	—	24
25	·005	·01	·04	—	—	—	·2	—	—	·005	—	—	25
26	·005	·015	·73	·02	—	—	·03	—	—	·005	—	·025	26
27	·07	—	·03	·06	·88	·34	·02	—	—	—	·03	—	27
28	·34	—	·3	·04	—	·03	·015	—	—	—	·31	·26	28
29	·11	—	·03	—	·70	~~·005~~	·005	—	·02	—	·02	·61	29
30	·1	✕	·03	·01	·18	—	—	—	·23	—	·04	·1	30
31	·02	✕	—	✕	·015	✕	·01	—	✕	—	✕	·13	31
TOTAL	2885 ~~2·895~~	1·16	4·89	3·192	3·424	·64 ~~·64~~	3·645 ~~3·635~~	1·425	1·30	2·13	·755	3·306	YEAR'S TOTAL 28·751 ~~28·691~~
Days with ·01 in. or more	16 ~~17~~	11	18 17	21 20	17	6 ~~7~~	22 ~~21~~	10	17	11 ~~8~~	10 ~~9~~	19	180
Days with ·04 in. or more	13 ~~11~~	5	13	14	12 ~~13~~	4	17	6	13	7	4	15	124

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

DURHAM

SUNDERLAND

MOWBRAY PARK.

1911- 1920.

FORM A2.
BRITISH RAINFALL.
3 - FEB 1912

R 11.

icular.

Kept at Mowbray 5 in.

ove Ground 1 ft. in.

in the County of Du Sea Level ft.

a.m.

by Dr H. Kenney, M

Name Sunderland

Distance Direction

IMPORTANT NO nd the result entered to the previous day. If an C niversal rule, he is earnestly requested to add the re year in the space provided for it at the end of this paragraph. rement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.04						.01	.04			.24		1
2	.17						.20			.08	.01	.01	2
3	.01		.13	.01	.09					.11	.02		3
4	.12		.08	.17				.33			.10	.23	4
5	.18		.02	.01				.15		.20			5
6	.03		.03	.02				.02		.09		.25	6
7				.01						.01	.04		7
8			.18			.10	.01			.02	.02	.12	8
9				.01							.01	.13	9
10	.01	.05		.05		.05					.15	.44	10
11	.40				.05				.15		.07	.01	11
12	.16		.11		.12	.06		.01	.72		.17		12
13		.22	.46			.01		.01			.10	.41	13
14		.23	.19		.46				.05		.01	.40	14
15			.03						.02	.02	.02	.33	15
16			.47	.10		.06	.09				.04	.03	16
17			.25			.17					.18	.08	17
18		.05	.07			.24					1.44	.02	18
19			.01	.07		.32		.01	.01	.35	.53	.06	19
20		.07		.04			.16	.36			.08	.20	20
21	.02	.12				.02		.79		.05	.11		21
22	.18					.01		.25			.10		22
23	.05	.09		.02		1.72			.15		.01	.14	23
24	.01			.02		1.60	.01	.02		.21		.01	24
25		.05		.10		.43	.02		.07	.30	.01		25
26				.01	.01			.04	.01	.45	.30		26
27		.05	.01	.18	.01			.17	.11		.01	.01	27
28				.35				.08				.06	28
29		—		.05		.02	.17	.01	.65	.06	.01	.02	29
30		—	.01	.05	.07				.08	.13			30
31		—		—	.20	—			—		—	.01	31
Total	1.38	.93	2.05	1.27	1.01	4.81	.67	2.29	2.02	2.08	3.78	2.97	TOTAL for year 25.26
No. of Rain Days.	13	9	15	18	8	14	8	15	11	14	25	21	171

W. 8,000, X. '11.

REGISTER OF RAINFALL IN 1911.

FORM A2.
BRITISH RAINFALL.
3 - FEB 1912

Kept at Mowbray Park, Sunderland

in the County of Durham 2

by Dr H. Renney, M.O.H., Sunderland.

RAIN GAUGE
Pattern Circular
Diameter of top 5 in.
Height of top above Ground 1 ft. in.
" " " Sea Level ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Sunderland
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.04						.01	.04			.24		1
2	.17						.20			.08	.01	.01	2
3	.01		.13	.01	.09					.11	.02		3
4	.12		.08	.17				.33			.10	.23	4
5	.18		.02	.01				.15		.20			5
6	.03		.03	.02				.02		.09		.25	6
7				.01						.01	.04		7
8			.18			.10	.01			.02	.02	.12	8
9				.01							.01	.13	9
10	.01	.05		.05		.05					.15	.44	10
11	.40	—			.05				.15		.07	.01	11
12	.16		.11		.12	.06		.01	.72		.17		12
13		.22	.46			.01	—	.01			.10	.41	13
14		.23	.19		.46				.05		.01	.40	14
15			.03						.02	.02	.02	.33	15
16			.47	.10		.06	.09				.04	.03	16
17			.25		—	.17					.18	.08	17
18		.05	.07			.24					1.44	.02	18
19			.01	.07		.32		.01	.01	.35	.53	.06	19
20		.07		.04			.16	.36			.08	.20	20
21	.02	.12				.02		.79		.05	.11		21
22	.18					.01		.25			.10		22
23	.05	.09		.02		1.72			.15		.01	.14	23
24	.01			.02		1.60	.01	.02		.21		.01	24
25		.05		.10		.43	.02		.07	.30	.01		25
26				.01	.01			.04	.01	.45	.30		26
27		.05	.01	.18	.01			.17	.11		.01	.01	27
28				.35				.08				.06	28
29		—		.05		.02	.17	.01	.65	.06	.01	.02	29
30		—	.01	.05	.07				.08	.13			30
31		—		—	.20	—			—		—	.01	31
Total	1.38	.93	2.05	1.27	1.01	4.81	.67	2.29	2.02	2.08	3.78	2.97	TOTAL for year 25.26
No. of Rain Days.	13	9	15	18	8	14	8	15	11	14	25	21	171

W. 8,000, X. '11.

FORM A2.
BRITISH RAINFALL.
7 - JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at Mowbray Park. Sunderland
in the County of Durham. 2
by Dr. A. Renney.

RAIN GAUGE
Pattern
Diameter of top 5 in.
Height of top above Ground 1 ft. - in.
" " " Sea Level 105. ft.
Time of Observation 9 a.m.
Nearest Railway Station
Name Sunderland Central.
Distance about 250 yds. Direction N.W.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·00	·17	·00	·00	·02	·21	·20	·18	·00	·40	·00	·19	1
2	·00	·16	·02	·00	·03	·30	·26	·60	·00	·43	·00	·00	2
3	·12.	·03	·00	·00	·00	·68	·01	·36.	·25	·02	·00	·17	3
4	·14	·00	·32	·00	·01	·37	·00	·37	·00	·00	·31	·00	4
5	·00	·00	·00	·00	·15	·17	·00	·03	·00	·00	·00	·00	5
6	·25.	·12	·00	·00	·08	·13	·00	·17	·00	·00	·00	·00	6
7	·00	·04	·02	·00	·07	·00	·00	·00	·35	·00	·03	·00	7
8	·28	·09	·00	·00	·00	·02.	·00	·00	·11	·00	·03	·00	8
9	·01	·03.	·00	·01	·00	·08	·00	·04	·09	·00	·06.	·00	9
10	·00	·00	·00	·05	·01	·00	·00	·04	·02.	·00	·04	·06	10
11	·01	·18	·00	·00	·00	·00	·00	·12	·01	·00	·45	·07	11
12	·02.	·32	·04	·00	·00	·15	·73	·00	·00	·00	·46	·00	12
13	·00	·00	·00	·00	·00	·07	·00	·06	·00	·03	·22.	·00.	13
14	·06	·00	·12.	·00	·00	·08	·00	·02	·00	·00	·00	·04	14
15	·02.	·06	·14	·00	·76.	·19	·00	·00	·00	·00	·00	·33	15
16	·24	·00	·02.	·00	·08	·02	·01	·00	·00	·01	·00	·00	16
17	·00	·13	·13	·00	·00	·21	·00	·19	·00	·00	·00	·00	17
18	·12.	·14	·00	·00	·00	·00	·12.	·00	·00	·00	·00	·00	18
19	·11	·60.	·00	·00	·02.	·01	·20	·21	·00	·00	·01	·00	19
20	·13.	·05	·00	·00	·58	·01	·00	·01	·00	·19	·01	·00	20
21	·28	·00	·21	·00	·13	·00	·00	·00	·00	·01	·01	·02	21
22	·00	·05	·00	·00	·19	·86.	·00	·08	·00	·00	·00	·00	22
23	·00	·00	·03.	·00	·00	·00	·08	·51	·00	·74	·02	·00	23
24	·28.	·00	·00	·00	·00	·00	·36.	·03.	·00	·15	·01	·00	24
25	·32	·00	·00	·00	·00	·38	·03	·37	·00	·00	·02	·00	25
26	·14	·01	·00	·00	·00	·06	·00	·01	·00	·79.	·05	·16	26
27	·00	·00	·05.	·00	·01	·25	·52.	·00	·00	·31	·01	·17	27
28	·00.	·00	·00.	·02	·04	·14	·69	·39.	·00	·18	·04	·00	28
29	·00	·00	·36.	·02	·00	·00	·08	·00	·55	·00	·00	·01	29
30	·07.	·00	·06.	·00	·02	·01	·00	·00	·29.	·20.	·00.	·01	30
31	·00	·00.	·16	–	·02.	–	·48.	·23.	–	·06.	–	·00	31
Total	2·60	2·18	1·68	·10	2·22	4·40	3·77	4·02	1·67	3·52	1·78	1·23	TOTAL Rfall for year 29·17
No. of Rain Days.	18	~~15~~ 16	14	4	17.	22.	14	21	8	14	17	11	~~175~~ 176

W. 8,000, X. '11.

Total No. of days on which rain fell 175

Co 78

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.

17 JAN 1914

Kept at The Mowbray Park.
~~Sunderland~~
in the County of Durham.
Z
by Sunderland Corporation

Lat. 55. Long. 1
Time of Observation 9 o'clock am.
Nearest Railway Station Sunderland Central
Diameter of Rain Gauge about 5 inches
Height of top of Gauge above Ground about 1 ft. – in.
" " " " Sea Level about 110 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·00	·00	·00	·17	·00	·00	·00	·00	·37	·00	·00	·00	1
2	·00	·00	·04	·00	·00	·01	·00	·00	·03	·00	·00	·00	2
3	·01	·00	·00	·00	·00	·00	·31	·00	·02	·00	·00	·03.	3
4	·23	·00	·00	·00	·00	·03	·00	·00	·00	·19	·00	·02.	4
5	·45	·01	·00	·00	·00	·05	·00	·02	·00	·06	·00	·00	5
6	·00	·09	·24	·00	·81	·01	·00	·00	·00	·00	·01	·00	6
7	·00	·11	·00	·01	·00	·08	·00	·00	·09	·59	·00	·00	7
8	·00	·08	·00	·00	·99	·00	·00	·00	·09	·06	·10	·01	8
9	·00	·00	·00	·07	·16	·12.	·00	·00	·00	·00	·00	·00	9
10	·00	·00	·16.	·00	·02.	·00	·04	·00	·00	·04	·26.	·00	10
11	·66	·00	·00	·49	·02.	·00	·00	·00	·00	·00	·01	·00	11
12	·92	·00	·00	·00	·01	·00	·00	·05	·27	·00	·03	·00	12
13	·07	·00	·00	·00	·00	·00	·00	·00	·03	·01	·13	·00	13
14	·06	·09	·00	·02.	·00	·00	·00	·00	·00	·10	·00	·00	14
15	·06	·00	·22.	·10	·00	·00	·00	·04	·02	·00	·00	·06.	15
16	·01	·00	·23	·00	·00	·00	·00	·00	·00	·00	·05	·00	16
17	·00	·00	·08	·05	·00	·00	·00	·01	·00	·00	·07	·00	17
18	·04	·00	·28	·24	·11	·07	·00	·00	·00	·00	·05	·00	18
19	·24	·00	·01	·00	·06	·00	·00	·00	·27	·00	·00	·00	19
20	·35	·00	·03	·00	·00	·00	·00	·04	·02.	·17	·17	·00	20
21	·03	·00	·05	·00	·02.	·00	·01	·12	·00	·00	·00	·00	21
22	·08	·00	·62.	·00	·05.	·32.	·01	·20	·02.	·03	·00	·00	22
23	·15	·00	·02.	·00	·00	·14	·00	·02	·08	·00	·03	·00	23
24	·17	·00	·00	·00	·00	·25	·00	·08	·00	·00	·00	·03	24
25	·00	·00	·00	·00	·00	·00	·00	·00	·57	·18	·00	·00	25
26	·00	·00	·00	·44	·00	·00	·00	·00	·75	·00	·27	·52.	26
27	·00	·04	·00	·34	·00	·18	·00	·00	·00	·00	·00	·00	27
28	·28	·00	·15	1·04	·05	·00	·00	·00	·00	·00	·00	·23	28
29	·00	–	·35.	·27.	·09	·00	·00	·18	·00	·00	·00	·26.	29
30	·11	–	·01	·00	·09.	·00	·00	·01	·00	·17	·00	·01	30
31	·02.	–	·00	–	–	–	·00	·03	·00	·00	–	·00	31
Total	3·94	·42	2·49	3·24	2·48	1·26	·37	·80	2·54	1·54	1·12	1·17	YEAR'S TOTAL 21·37
Rain Days.	19	6	15.	12.	13	11	4	12	13	10	12.	9	136.

W.7,000, XI. 13

FORM A.
BRITISH RAINFALL
21 JAN 1915

REGISTER OF RAINFALL IN 1914

Kept at Mowbray Park, Sunderland
in the County of Durham 2
by The Medical Officer of Health

Lat. 54 Long. 1·40 2 west
Time of Observation 9 a.m.
Nearest Railway Station Sunderland Central
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 105 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·00	·00	·01	·00	·00	·00	·31	·08	·00	·08	·00	·02	1
2	·00	·00	00	·00	·00	·00	·36	·83	·00	·09	·14	·10	2
3	·00	·01	·02	·00	·17	·00	·00	·00	·00	·00	·15	·29	3
4	·00	·00	·00	·03	·00	·01	·02	·00	·00	·00	·06	·18	4
5	·00	·00	·13	·04	·00	00	·00	·00	·00	·00	·52	·00	5
6	·00	·00	·00	·25	·02	·00	·06	·02	·00	·00	·00	16	6
7	·00	·00	·15	00	·13	·34	·00	·08	·00	·00	·01	·00	7
8	52	·00	·11	00	·38	·30	·00	·11	·00	·02	·10	·02	8
9	·54	·02	·00	·08	·00	1·26	·00	·00	·24	·00	·06	·02	9
10	·08	·06	06	00	·00	·00	·00	·00	·03	·00	·02	00	10
11	·00	·02	·05	·00	05	23	·00	·00	00	·00	·13	·30	11
12	·03	·05	·02	·00	·00	·00	·00	·00	·00	·00	·05	·46	12
13	01	·01	·10	·00	·00	·00	07	·00	·03	·00	·00	·30	13
14	·10	·09	00	·00	·00	·00	·10	·00	·00	·00	·28	·11	14
15	·02	·00	·39	·00	·00	·00	1·62	·00	·00	·00	·38	·01	15
16	·08	·00	·01	·00	·00	·00	·27	·00	·67	·00	·22	·00	16
17	·04	·01	·00	00	·00	·00	·00	·00	·35	·00	·00	·02	17
18	·04	·08	·03	00	00	·14	·00	·00	·12	·00	·00	·02	18
19	·09	·00	·00	·00	·00	·00	40	·00	·20	·00	·07	·00	19
20	·06	·07	·40	·00	·00	·26	·00	·00	·01	·00	·00	·00	20
21	·04	·34	·09	·00	·00	·55	·00	·09	·00	·03	·11	·18	21
22	·00	·00	·06	·00	·15	·04	·00	·03	·00	·05	·14	·16	22
23	·00	·00	·14	·02	·27	·35	·00	·00	·00	·00	·02	·02	23
24	·04	·00	·00	·12	·00	·00	·00	·03	·00	·00	·14	·00	24
25	·00	·03	·00	·00	·00	00	·00	·05	·00	·52	·00	·19	25
26	·00	·00	·03	·00	·00	·00	·07	·01	·00	·13	·00	·12	26
27	·03	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·08	27
28	·01	·05	·00	·00	·01	·00	·00	·07	·00	·00	·06	·00	28
29	·00	×	·04	·00	·00	·00	·00	·31	·00	·43	·02	·00	29
30	·00	×	·00	·06	·00	·00	·00	·33	·00	·10	·14	·04	30
31	·05	×	·00	×	·00	×	·29	·00	×	·30	×	·00	31
Total	1·78	·84	1·84	·60	1·18	3·48	3·57	2·04	1·65	1·77	2·92	2·80	YEAR'S TOTAL 24·47
Rain Days.	17	13	18	7	8	10	11	13	8	11	22	21	159

W. 8,000. X. 14.

3751

FORM A.
BRITISH RAINFALL.

2 FEB 1916

REGISTER OF RAINFALL IN 1915

Kept at Mowbray Park

Sunderland

in the County of Durham

by The Medical Officer of Health

Lat. 54 N. Long. 1·40. to 2 west

Time of Observation 9 a.m.

Nearest Railway Station Sunderland Central

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. · in.

" " " " Sea Level 105 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·22	-	·00	-	·14	-	·05	·21	·35	-	·08	-	1
2	-	·25	·16	-	-	·07	-	·02	·11	-	·19	·25	2
3	·36	-	·16	·18	-	-	·30	-	·00	-	·14	·78	3
4	·05	·01	·00	-	·04	·02	·02	-	·00	-	·12	·66	4
5	·03	-	·00	-	·02	-	-	·02	-	·09	·01	·66	5
6	·-	·38	·02	·02	-	-	·30	·01	-	·02	·00	·51	6
7	·15	·58	·14	-	-	-	·36	·21	·01	-	-	-	7
8	-	·07	·02	-	-	-	·06	·04	-	-	·04	-	8
9	-	-	·00	-	-	-	-	·00	-	·03	·	·70	9
10	·15	-	·15	-	-	·01	-	·13	-	-	·	·17	10
11	·02	·30	·00	-	·65	-	-	-	-	-	·	·25	11
12	·12	·15	·00	·18	-	-	·12	-	-	·03	·55	·09	12
13	-	·03	·00	-	-	-	-	·12	·01	-	·	·02	13
14	·02	·28	-	-	·12	-	-	·01	-	-	·	-	14
15	·08	·07	-		-	-	·10	·41	-	-	·	·10	15
16	·02	·31	·06	-	-	-	·29	·06	-	-	·20	-	16
17	·35	·03	·04	-	-	-	-	-	·09	·01	·	·07	17
18	-	·13	·50	-	-	-	-	-	·12	·15	·02	·	18
19	-	·06	·02	-	-	-	-	-	·03	·28	·	·01	19
20	·01	·00	-	-	·01	-	-	-	-	·14	·	·61	20
21	·15	·03	-	·08	·05	-	·01	·01	-	·06	·	·04	21
22	·43	·00	·01	-	-	-	-	-	-	·	·	·10	22
23	·12	·21	·09	-	-	-	·18	-	-	·08	·	·18	23
24	-	·00	·14	·03	-	-	·00	-	·36	·00	·	·25	24
25	-	·00	·00	-	-	·27	·01	-	·01	·02	·37	·01	25
26	·07	·00	·07	·03	-	·06	·03	-	·02	·02	·	·28	26
27	·01	·08	·10	-	-	-	·08	-	-	·22	·	·18	27
28	-	·06	·03	-	·24	-	·03	·44	-	·28	·	-	28
29	-		-	-	·33	-	·00	·01	·55	-	11	·60	29
30	-		-	·08	-	-	·07	-	·15	-	·	·00	30
31	·01		-		-		·00	·36		-		·02	31
Total	2·37	3·03	1·74	·60	1·60	·43	2·01	2·06	1·81	1·43	1·86	6·54	YEAR'S TOTAL 25·48
Rain Days.	19	18	16	7	9	5	16	15	12	14	11	23	165

W. 8,000. X. 15

Exe 8L

3685

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL

4 JAN 1917

Kept at Sunderland

in the County of Durham

by

Lat. 54 N Long. 140 to 2 West

Time of Observation 9 am.

Nearest Railway Station Sunderland Central

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

" " " " Sea Level 105 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·12	·02	·17		·	·13	·28	·	·	·	·06	·	1
2	·00		·03		·	·06	·03	·	·	·07	·	·03	2
3	·00	·03	·09	·06	·	·05	·	·	1·01	·08	·	·	3
4	·00	·10	·07	·02	·68	·10	·17	·	·01	·64	·14	·	4
5	·08	·03	·15	·	·19	·15	·	·	·	·25	·18	·	5
6	·00	·06	·08	·09	·38	·	·10	·	·	·08	·17	·	6
7	·00	·01	·12	·04	·14	·31	·34	·	·	·06	·01	·29	7
8	·00	·	·09	·	·05	·03	·	·	·	·		·	8
9	·00	·	·04	·	·	·01	·02	·	·	·	·	·53	9
10	·08	·01	·06	·	·	·09	·08	·	·	·	·	·34	10
11	·00	·37	·27	·18	·	·05	·24	·	·	·07	·	·16	11
12	·00	·	·22	·	·03	·04	·48	·		·	·	·24	12
13	·00	·	·29	·	·01	·	·17	·18	·	·29	·12	·22	13
14	·00	·20	·05	·	·33	·04	·	·09	·	·	·	·20	14
15	·00	·19	·54	·	·	·	·07	·18	·	·	·	·	15
16	·00	·01	·22	·11	·	·	·03	·46	·	·	·	·18	16
17	·02		·	·07	·	·	·	·09	·23	·14	·04	·	17
18	·00	·18	·06	·35	·	·02	·05	·21	·12	·02	1·28	·03	18
19	·02	·	·03	·20	·	·	·	·12	·08	·	·45	·	19
20	·05	·	·11	·16	·	·	·68	·16	·	·	·10	·04	20
21	·00	·12	·05	·03	·06	·	·		·	·	·17	·10	21
22	·00	·02	·	·07	·	·06		·	·	·03	·01	·	22
23	·02	·03	·04	·	·	·14	·	·	·	·	·	·	23
24	·00	·	·	·	·	·40	·	·25	·	·	·	·	24
25	·00	·08	·01	·	·04	·10	·	·33	·	·22	·	·	25
26	·25	·09		·	·01	·02	·	·29	·	·	·	·	26
27	·00	·06		·	·	·	·	·35	·	·36	·	·08	27
28	·00	·13		·	·02	·10	·		·02	·19	·00	·06	28
29	·00	·30		·	·	·	·		·	·12	·	·	29
30	·00	✕		·	·11	·	·03		·02	·13	·	·	30
31	·01	✕		✕	·01	✕	·	·	✕	·10	✕	·	31
Total	·65	2·04	2·79	1·38	2·06	1·90	2·77	2·71	1·49	2·85	2·73	2·50	YEAR'S TOTAL 25·87
Rain Days.	9	20	22	12	14	19	15	12	7	17	12	14	173

W. 8,000, VIII. 16

E D H

3534

REGISTER OF RAINFALL IN 1917

Kept at Mowbray Park Sunderland

in the County of Durham

by the M. O. H.

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

FORM A.
BRITISH RAINFALL.
25. JAN 1918

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·00	·09	·00	·08	·00	·05	·00	·37	·74	·00	·10	·00	1
2	·10	·00	·00	·69	·00	·10	·00	·11	·00	·00	·00	·00	2
3	·00	·00	·00	·25	·00	·06	·01	·00	·00	·06	·00	·00	3
4	·00	·00	·08	·00	·00	·00	·00	·01	·00	·00	·02	·02	4
5	·00	·00	·19	·26	·00	·00	·00	·01	·00	·14	·00	·00	5
6	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·02	·00	6
7	·69	·00	·04	·00	·00	·02	·00	·05	·00	·20	·00	·09	7
8	·06	·00	·02	·15	·01	·00	·00	·31	·00	·61	·05	·00	8
9	·15	·03	·00	·00	·00	·00	·00	·23	·00	·08	·37	·02	9
10	·34	·00	·69	·48	·05	·00	·00	·30	·00	·20	·28	·00	10
11	·17	·07	·00	·00	·13	·00	·00	·19	·00	·05	·01	·02	11
12	·16	·00	·02	·10	·14	·00	·00	·00	·00	·01	·00	·08	12
13	·06	·00	·00	·00	·43	·00	·00	·70	·19	·08	·00	·00	13
14	·16	·00	·00	·16	·98	·00	·00	·11	·00	·37	·00	·04	14
15	·49	·00	·00	·00	·01	·00	·04	·39	·03	·02	·00	·04	15
16	·05	·00	·00	·23	·00	·07	·02	·06	·00	·01	·00	·85	16
17	·10	·00	·00	·11	·57	·00	·00	·55	·00	·00	·00	·56	17
18	·05	·03	·00	·09	·15	·00	·12	·05	·00	·00	·00	·00	18
19	·06	·12	·12	·00	·23	·04	·00	·00	·00	·00	·00	·00	19
20	·14	·30	·04	·00	·00	·28	·00	·21	·03	·00	·23	·21	20
21	·00	·22	·09	·00	·00	·00	·00	·02	·00	·00	·07	·00	21
22	·00	·00	·16	·00	·00	·01	·00	·02	·00	·00	·00	·01	22
23	·00	·00	·00	·00	·08	·00	·00	·08	·00	·00	·01	·00	23
24	·00	·00	·00	·00	·00	·03	·09	·00	·00	·22	·00	·09	24
25	·03	·00	·15	·00	·00	·04	·03	·02	·02	·02	·23	·03	25
26	·00	·00	·19	·00	·00	·06	·00	·52	·21	·02	·09	·26	26
27	·06	·00	·18	·00	·00	·00	·39	·72	·00	·09	·00	·25	27
28	·00	·00	·06	·00	·00	·00	·02	·39	·00	·00	·01	·02	28
29	·05		·00	·00	·00	·00	·02	·29	·00	·19	·00	·05	29
30	·00	X	·02	·00	·05	·00	·00	·00	·00	·18	·12	·07	30
31	·14	X	·25	X	·00	X	·01	·02	X	·10	X	·26	31
Total	3·06	0·86	2·30	2·60	2·83	0·76	0·75	5·74	1·22	2·65	1·61	2·97	YEAR'S TOTAL 27·35
Rain Days.	19	7	16	11	12	11	10	26	6	19	14	19	170

W. 8,000, IX. 17.

36

REGISTER OF RAINFALL IN 1918.

FORM A.
BRITISH RAINFALL
24.2.19

Kept at Sunderland
in the County of Durham
by Dr Renney, M.O.H. Town Hall

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Sunderland
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground ft. in.
" " " " Sea Level 105 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·01	·02	·00	·00	·02	·00	·00	·00	·24	·12	·24	·08	1
2	·10	·00	·00	·07	·00	·00	·00	·00	·04	·01	·00	·30	2
3	·05	·01	·04	·00	·03	·00	·00	·01	·00	·12	·26	·00	3
4	·00	·00	·04	·00	·65	·00	·00	·00	·00	·10	·13	·07	4
5	·00	·00	·08	·00	·46	·00	·00	·10	·00	·00	·00	·03	5
6	·04	·27	·03	·44	·01	·27	·00	·01	·00	·19	·00	·00	6
7	·00	·08	·00	·02	·00	·00	·11	·00	·00	·03	·16	·00	7
8	·02	·00	·18	·00	·00	·00	·13	·01	·38	·05	·00	·01	8
9	·00	·08	·00	·07	·00	·00	·00	·00	·55	·12	·00	·00	9
10	·00	·10	·01	·08	·00	·00	·03	·00	·05	·01	·00	·00	10
11	·18	·14	·00	·02	·32	·00	·19	·02	·00	·00	·00	·12	11
12	·00	·05	·00	·09	·00	·00	·32	·15	·02	·28	·00	·03	12
13	·00	·02	·00	·16	·07	·00	·00	·00	·06	·11	·00	·00	13
14	·00	·00	·00	·00	·00	·01	·04	·00	·39	·00	·00	·13	14
15	·00	·00	·00	·06	·00	·09	·57	·00	1·26	·00	·00	·62	15
16	·00	·00	·02	·00	·00	·09	·30	·21	·50	·00	·00	·43	16
17	·12	·00	·00	·00	·00	·00	·24	·00	·01	·31	·00	·20	17
18	·48	·00	·10	·10	·00	·00	·23	·00	·36	·16	·00	·00	18
19	·38	·00	·01	·00	·00	·00	·37	·12	·02	·40	·00	·00	19
20	·12	·31	·00	·03	·00	·05	·44	·00	·08	·14	·00	·00	20
21	·26	·00	·00	·03	·07	·00	·00	·00	·14	·11	·00	·00	21
22	·02	·00	·00	·03	·02	·00	·15	·00	·00	·00	·00	·39	22
23	·22	·00	·00	·00	·13	·00	·71	·00	·01	·00	·00	·00	23
24	·00	·00	·00	·00	·00	·00	·07	·00	·22	·00	·04	·00	24
25	·00	·00	·06	·00	·00	·03	·06	·16	·04	·00	·02	·07	25
26	·00	·00	·00	·00	·00	·00	·32	·06	·19	·00	·14	·00	26
27	·00	·08	·02	·00	·24	·03	·01	·28	·09	·01	·00	·10	27
28	·00	·08	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	28
29	·00	—	·09	·00	·00	·00	·00	·03	·33	·00	·01	·66	29
30	·00		·08	·02	·00	·00	·00	·00	·01	·00	·00	·81	30
31	·00		·20		·00		·00	·00		·00		·03	31
Total	2·00	1·24	1·11	1·22	2·02	·57	4·29	1·16	4·99	2·27	1·00	4·08	YEAR'S TOTAL 25.95
Rain Days.	13	12	15	14	11	7	18	12	22	17	8	17	166

3361

16 JAN 20

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

Kept at Sunderland

in the County of Durham

by M.O.H.

Lat. Long.

Time of Observation 9 am

Nearest Railway Station Sunderland

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·03	·17	–	·01	·13	–	·41	–	·25	·03	·17	·05	1
2	·16	·08	–	–	~~·44~~	–	·55	–	–	–	·15	–	2
3	–	·04	–	·01	·14	·11	·03	–	–	–	·20	–	3
4	·38	·01	–	–	·04	–	·01	–	–	–	·25	·02	4
5	·57	·24	·14	–	–	–	–	–	–	–	·17	–	5
6	·26	·16	·09	–	·01	–	–	–	–	–	·14	·13	6
7	–	–	·09	–	·09	–	–	–	–	–	·02	·35	7
8	·01	–	·47	–	·24	–	–	·01	–	·13	·49	·15	8
9	·14	–	–	·03	–	·05	–	–	–	–	·26	–	9
10	·07	–	·24	–	–	–	–	–	–	·11	·38	·06	10
11	–	·01	·12	–	·21	–	–	–	·56	·05	·21	–	11
12	–	–	·34	·02	–	–	–	–	·01	·19	·11	–	12
13	–	–	·30	·07	–	·14	·10	·20	–	·20	·16	–	13
14	·04	·03	·15	·46	–	–	–	·02	–	·08	·31		14
15	·10	·03	·08	·10	–	–	–	·06	–	–	·08	·45	15
16	·25	·22	·02	–	–	–	–	–	–	–	·14	–	16
17	·10	–	–	·06	·10	–	–	–	–	–	·14	–	17
18	–	·04	–	–	–	–	·01	·18	·01	–	–	·05	18
19	–	–	–	·04	–	·06	·06	·12	·15	–	·10	–	19
20	·03	·18	·59	–	–	–	·04	–	–	–	–	·20	20
21	·45	·31	·08	–	–	·09	–	–	·08	–	·01	·02	21
22	·10	·21	·03	–	–	·02	·04	–	·07	·01	–	·01	22
23	–	·10	–	·04	–	·37	–	·07	–	1·13	·02	·00	23
24	·02	·06	·02	·01	–	–	–	–	–	·41	·09	–	24
25	·11	·01	–	·11	–	–	–	·66	·10	–	·25	–	25
26	–	·12	–	·05	–	–	–	·12	–	·38	·57	·37	26
27	–	·16	·07	·47	–	–	–	–	–	1·70	·12	–	27
28	·13	–	–	·25	–	–	–	·93	–	·50	·30	·22	28
29	·14	–	–	–	–	·08	–	–	–	·69	–	·11	29
30	·16	☒	–	·24	–	·31	–	–	–	·21	·02	·44	30
31	·03	☒	·14	☒	·10	☒	·20	–	☒	·23	☒	–	31
Total	3·28	2·18	2·94	1·96	1·06	1·23	1·45	2·37	1·23	6·05	4·86	2·93	Year's Total 31·54
Days with ·01 in. or more	21	19	17	15	9	9	10	10	8	16	26	15	175

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

W M K

26 JAN 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Mowbray Park, Sunderland
in the County of Durham
by Medical Officer of Health

Lat. 55 N Long. 1·5
Time of Observation 9 a.m.
Nearest Railway Station ~~[illegible]~~ 200
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 3 ft. in.
" " " " Sea Level 105 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·114

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·00	·00	·19	·32	·65	·00	·09	·00	·00	·32	·00	·00	1
2	·00	·00	·11	·20	·00	·00	·36	·00	·07	·09	·00	·26	2
3	·00	·02	·00	·29	·00	·12	·78	·18	·04	·53	·00	·30	3
4	·23	·00	·00	·02	·01	·00	·60	·50	·00	1·26	·01	·23	4
5	·00	·00	·06	·00	·26	·00	·35	·05	·04	·00	·00	·09	5
6	·00	·00	·17	·00	·05	·00	·11	·00	·00	·00	·00	·10	6
7	·01	·00	·00	·00	·00	·00	·10	·00	·00	·00	·00	·13	7
8	·00	·00	·00	·07	·22	·00	·39	·02	·00	·00	·17	·00	8
9	·22	·00	·00	·37	·00	·00	·05	·17	·05	·01	·00	·00	9
10	1·15	·16	·02	·50	·00	·00	·02	·00	·04	·00	·00	·05	10
11	·04	·00	·00	·22	·35	·00	·00	·00	·00	·00	·00	·18	11
12	·28	·00	·00	·40	·01	·00	·01	·00	·00	·00	·01	·47	12
13	·00	·00	·01	·01	·00	·00	·00	·00	·04	·01	·07	·18	13
14	·00	·04	·52	·08	·00	·00	·06	·00	·01	·11	·06	·08	14
15	·17	·07	·12	·09	·00	·00	·00	·00	·00	·20	·00	·03	15
16	·00	·00	·01	·01	·00	·00	·45	·00	·14	·09	·00	·00	16
17	·00	·00	·00	·00	·15	·00	·00	·24	·10	·08	·00	·00	17
18	·28	·09	·00	·00	·14	·00	·15	·00	·19	·00	·00	·00	18
19	·00	·53	·00	·07	·00	·05	·00	·04	·04	·00	·00	·00	19
20	·15	·00	·00	·08	·00	·00	·00	·00	·03	·00	·01	·01	20
21	·00	·00	·00	·16	·00	·00	·08	·37	·01	·00	·00	·03	21
22	·03	·00	·00	·12	·00	·00	·06	·12	·00	·00	·00	·00	22
23	·00	·00	·11	·05	·00	·00	·20	·00	·00	·00	·00	·14	23
24	·01	·00	·87	·00	·00	·00	·13	·00	·00	·00	·00	·00	24
25	·00	·01	·09	·00	·00	·00	·53	·00	·00	·00	·02	·00	25
26	·00	·00	·69	·02	·00	·00	·23	·00	·00	·00	·01	·03	26
27	·09	·00	·00	·07	·84	·39	·03	·00	·00	·00	·27	·02	27
28	·41	·00	·52	·02	·00	·03	·02	·00	·06	·00	·08	·34	28
29	·12	·00	·05	·00	·91	·02	·01	·00	·04	·00	·02	·43	29
30	·06		·00	·00	·03	·00	·00	·00	·36	·00	·09	·06	30
31	·10		·00		·00		·01	·00		·00		·11	31
TOTAL	3·35	·92	3·54	3·17	3·62	·61	4·82	1·69	1·26	2·70	·82	3·52 3·47	YEAR'S TOTAL 30·07 ~~29·67~~
Days with ·01 in. or more	16	7	15	21	12	5	24	9	16	10	~~12~~ 13	21	168 169
Days with ·04 in. or more	13	5	12	16	9	3	18	8	13	8	~~6~~ 7	16	~~128~~ 127

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

FORM A2.
BRITISH RAINFALL.
8 - JAN 1912

REG

Kept at West Hendon

in the County of Dur

by Thos. Wm. B

wdon

5 in.

Ground 1 ft. 0 in.

Sea Level 130 ft.

a.m.

Name Sunderland

Distance ½ mile Direction N.

Durham

SUNDERLAND

WEST HENDON Hse

1911 - 1920

IMPORTANT NOTE ... the result entered to the previous day. If an Obse... ...rsal rule, he is earnestly requested to add the readi... ...ar in the space provided for it at the end of this paragraph. ... ...ent of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·01	—	—	—	·00	—	·03	·05	—	·00	·22	—	1
2	·25	—	·00	—	·01	—	·25	—	—	·13	·01	·02	2
3	·02	—	·09	·06	·10	—	·00	·00	—	·13	·05	—	3
4	·08	—	·15	·14	·00	—	·00	·33	—	·00	·09	·23	4
5	·05	—	·01	·01	·00	—	—	·13	—	·21	·00	—	5
6	·77	—	·05	·03	—	—	—	·03	—	·07	—	·25	6
7	—	·00	·00	·01	·00	—	—	—	—	·04	·04	·00	7
8	—	—	·19	·00	—	·06	·03	—	—	·03	·05	·11	8
9	—	—	—	·02	—	·00	—	—	—	·00	·02	·15	9
10	·01	·05	—	·03	—	·06	—	—	—	—	·17	·39	10
11	·42	—	·00	·02	·06	—	—	·00	·15	—	·02	·07	11
12	·19	—	·11	—	·14	·07	—	·02	·75	—	·27	—	12
13	—	·16	·48	—	·00	·02	—	·01–	—	—	·05	·32	13
14	—	·30	·21	—	·40	·00	—	—	·05	—	·07	·39	14
15	—	—	·03	·03	—	—	—	·00	·01	·02	·01–	·41	15
16	—	—	·48	·03	—	·07	·10	—	—	·03	·00	·03	16
17	·00	·00	·25	·05	·00	·17	·00	—	—	—	·23	·08	17
18	—	·06	·05	·00	·00	·19	—	—	—	·00	1·49	·03	18
19	—	·00	·03	·08	·00	·40	·00	·02	·01	·36	·62	·01	19
20	·01	·04	·00	·05	—	—	·19	·35	·00	·01–	·10	·26	20
21	—	·17	—	·00	—	·02	—	·75	—	·05	·10	—	21
22	·23	·01–	—	·00	—	·05	—	·35	—	·00	·12	—	22
23	·06	·10	—	·05	—	1·17	—	—	·13	·00	—	·04	23
24	·01	·01	·01	·01	—	1·99	·01	·02	—	·19	—	·15	24
25	—	·06	·00	·10	—	·57	·02	—	·07	·26	·01–	—	25
26	—	—	—	·02	·02	·01	—	·07	·01	·56	·31	—	26
27	—	·05	·01	·21	·01	—	—	·17	·11	·01–	·04	·02	27
28	—	·01–	·00	·33	—	·00	—	·04	—	·00	—	·03	28
29	—		·00	·06	—	·03	·19	·05	·63	·06	—	·06	29
30	—		·01	·00	·04	·01–	—	—	·13	·12	—	—	30
31	—		·00		·23		—	·01–		·01		·03	31
Total	1·51	1·02	2·16	1·34	1·01	4·83	0·82	2·40	2·05	2·29	4·09	3·08	TOTAL for year 26.60
No. of Rain Days.	13	12	16	20	9	16	8	16	11	18	22	21	182

W. 8,000, X. '11.

over

REGISTER OF RAINFALL IN 1911.

FORM A2.
BRITISH RAINFALL.
8 - JAN 1912

Kept at West Hendon House, Sunderland
in the County of Durham. 2
by Thos. Wm. Backhouse.

RAIN GAUGE
Pattern Snowdon
Diameter of top 5 in.
Height of top above Ground 1 ft. 0 in.
" " " Sea Level 130 ft.

Time of Observation 8 a.m.

Nearest Railway Station
Name Sunderland
Distance ½ mile Direction N.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following. —

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·01	—	—	—	·06	—	·03	·05	—	·00	·22	—	1
2	·25	—	·00	—	·01	—	·25	—	—	·13	·01	·02	2
3	·02	—	·09	·06	·10	—	·00	·00	—	·13	·05	—	3
4	·08	—	·15	·14	·00	—	·00	·33	—	·00	·09	·23	4
5	·05	—	·01	·01	·00	—	—	·13	—	·21	·00	—	5
6	·17	—	·05	·03	—	—	—	·03	—	·07	—	·25	6
7	—	·00	·00	·01	·00	—	—	—	—	·04	·04	·00	7
8	—	—	·19	·00	—	·06	·03	—	—	·03	·05	·11	8
9	—	—	—	·02	—	·00	—	—	—	·00	·02	·15	9
10	·01	·05	—	·03	—	·06	—	—	—	—	·17	·39	10
11	·42	—	·00	·02	·06	—	—	·00	·15	—	·02	·07	11
12	·19	—	·11	—	·14	·07	—	·02	·75	—	·27	—	12
13	—	·16	·48	—	·00	·02	—	·01-	—	—	·05	·32	13
14	—	·30	·21	—	·40	·00	—	—	·05	—	·07	·39	14
15	—	—	·03	·03	—	—	—	·00	·01	·02	·01-	·41	15
16	—	—	·48	·03	—	·07	·10	—	—	·03	·00	·03	16
17	·00	·00	·25	·05	·00	·17	·00	—	—	—	·23	·08	17
18	—	·06	·05	·00	·00	·19	—	—	—	·00	1·49	·03	18
19	—	·00	·03	·08	·00	·40	·00	·02	·01	·36	·62	·01	19
20	·01	·04	·00	·05	—	—	·19	·35	·00	·01-	·10	·26	20
21	—	·17	—	·00	—	·02	—	·75	—	·05	·10	—	21
22	·23	·01-	—	·00	—	·05	—	·35	—	·00	·12	—	22
23	·06	·10	—	·05	—	1·17	—	—	·13	·00	—	·04	23
24	·01	·01	·01	·01	—	1·99	·01	·02	—	·19	—	·15	24
25	—	·06	·00	·10	—	·51	·02	—	·07	·26	·01-	—	25
26	—	—	—	·02	·02	·01	—	·07	·01	·56	·31	—	26
27	—	·05	·01	·21	·01	—	—	·17	·11	·01-	·04	·02	27
28	—	·01-	·00	·33	—	·00	—	·04	—	·00	—	·03	28
29	—		·00	·06	—	·03	·19	·05	·63	·06	—	·06	29
30	—		·01	·00	·04	·01-	—	—	·13	·12	—	—	30
31	—		·00		·23		—	·01-		·01		·03	31
Total	1·51	1·02	2·16	1·34	1·01	4·83	0·82	2·40	2·05	2·29	4·09	3·08	TOTAL for year 26·60
No. of Rain Days.	13	12	16	20	9	16	8	16	11	18	22	21	182

over

W. 8,000, X. '11.

✓

REGISTER OF RAINFALL IN 1912

FORM A.
BRITISH RAINFALL.
4 JAN 13

Kept at West Hendon House
Sunderland
in the County of Durham 2
by J. W. Backhouse.

Lat. 54° 54' N Long. 1° 23' West
Time of Observation 8 a. m.
Nearest Railway Station Sunderland
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 130 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. nil.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		·17	·01–	·01–	·03	·18	·15	·22	·07	·42		·18	1
2		·19	·04		·06	·35	·35	·62		·36	·03	·00	2
3	·10	·07	·00		·00	·75	·02	·23	·25	·11	·06	·17	3
4	·14	·00	·30	·01–	·01	·40	·00	·49			·33	·01–	4
5		·00	·01		·15	·16	·00	·04	·00		·00		5
6	·23	·12			·10	·18		·13	·00			·00	6
7	·01	·02	·02	·02	·10			·10	·33		·03	·01	7
8	·29	·09	·01–	·00	·00	·02	·00		·20		·03		8
9	·03	·05	·08	·03		·07		·09	·10		·07	·00	9
10		·01–	·00	·06	·01–	·02		·04	·04		·04	·07	10
11	·01	·18		·00			·00	·05	·04	·00	·32	·05	11
12	·03	·29	·05			·12	·76		·00		·60	·00	12
13	·00	·06				·13		·06	·00	·04	·25	·00	13
14	·07		·13			·08		·02	·01–	·00	·00	·04	14
15	·00	·07	·16		·72	·20	·00	·00	·00	·00		·34	15
16	·25		·02		·09	·02	·03	·00		·03	·00		16
17	·00	·04	·15		·00	·21	·00	·18	·00			·01	17
18	·12	·22	·01			·02	·08			·01–	·01		18
19	·10	·50	·00		·02	·02	·28	·19		·00	·01	·00	19
20	·13	·15	·02		·61	·04		·04	·00	·19	·00	·00	20
21	·29	·00	·20		·19	·01		·00		·01–	·03	·03	21
22	·01–	·04	·03		·21	·81		·06					22
23	·00		·03		·04	·00	·08	·53		·69	·04		23
24	·33	·01–			·00	·00	·32	·07		·19	·00	·08	24
25	·32					·39	·07	·33		·01–	·04		25
26	·13	·01	·00			·07		·07		·70	·06	·17	26
27	·00		·04		·02	·23	·47	·00		·30	·02	·17	27
28		·06	·00	·04	·03	·13	·75	·37	·00	·23	·05		28
29			·38	·03		·02	·08	·00	·39	·00	·00	·03	29
30	·13		·01	·00	·04	·02	·00	·01–	·47	·18	·00	·03	30
31	·00		·24		·03		·39	·23		·09		·00	31
Total	2·72	2·29	1·94	0·20	2·46	4·65	3·83	4·17	1·84	3·56	1·96	1·39	YEAR'S TOTAL 31·01
Rain Days.	19.	19	21	7	18	26	14	23	10	16	17	15	205

W. 7,500, XI. 12

no 5 ✓

Ex DL

REGISTER OF RAINFALL IN 1913.

FORM A. BRITISH RAINFALL. 6 - JAN 1914

Kept at West Hendon House

in the County of Sunderland Durham

by

Lat. 5[illegible]°53'8"N Long. 1°[illegible]'8 W

Time of Observation 8 a.m.

Nearest Railway Station Sunderland

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 130 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·00

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	–	·02	·19	–	–	–	–	·44	–	·01	–	1
2	–	·01–†	·04	–	–	·01	–	–	·05	·05	·01	·01–	2
3	·01	–	·00	·01–*	·01	·00	·29	–	·02	·00	–	·04	3
4	·17	·01–	·00	–	·01	·04	·07	·00	–	·18	·00	·04	4
5	·57	·01	–	·00	·00	·07	·01–	·00	–	·08	–	–	5
6	·30	·10	·25	·01	·74	·02	·18	·01	–	–	·02	–	6
7	–	·11	·01	·03	·04	·04	·06	–	–	·51	·03	–	7
8	·00	–	·01	·00	·85	·04	·00	–	·11	·16	·10	–	8
9	–	·08	·00	·07	·26	·07	–	·01	–	·02	·01–	·02	9
10	–	·02	·16	·01	·04	·00	·06	·00	·01–	·05	·26	–	10
11	·82	–	–	·52	·00	·01	–	–	·01	·01	·04	·00	11
12	·50	–	–	–	·00	–	·00	·03	·29	–	·05	–	12
13	·14	·01–**	·00	–	–	–	–	·03	·01	·00	·15	–	13
14	·10	·09	·00	·04	–	–	–	–	·00	·09	·01	·00	14
15	·08	·00	·22	·11	–	–	·00	·05	·08	–	·02	·01	15
16	·01*	–	·00	·01	–	–	·00	·01	·01	–	·04	·00	16
17	–	·00	·46	·05	–	·01–	·01	·01	–	·01–**	·01	–	17
18	·04	–	·32	·26	·14	·08	–	–	–	–	·07	·00	18
19	·23	–	·03	·01–	·07	–	·00	–	·20	–	·00	–	19
20	·43	·04	·06	·00	·01	–	–	·00	·02	·17	·18	–	20
21	·05	·00	·06	·00	·04	–	·01	·17	·01–	–	·01	–	21
22	·07	–	·53	–	·06	·35	·00	·22	·01–	·04	–	–	22
23	·45	–	·08	–	–	·13	·01	·04	·12	·00	·00	–	23
24	·19	–	–	·00	–	·25	·02	·06	–	·00	·04	·05	24
25	–	–	–	·00	–	·00	·00	–	·58	–	·00	·01	25
26	–	·00	·01	·45	–	·00	–	–	·67	·19	·25	·47	26
27	–	·04	·01–	·26	·01	·18	–	–	–	·02	·01	·00	27
28	·23	·03	·15	1·05	·06	–	–	·01–**	–	·00	–	·26	28
29	·01–		·34	·25	·10	–	–	·22	–	·03	·01	·26	29
30	·11		·01	–	·10	–	–	·00	–	·17	·00	·03	30
31	·03		–		·01–		·00	·02		–		–	31
Total	3·74	0·55	2·77	3·33	2·55	1·30	0·72	0·89	2·64	1·78	1·33	1·20	YEAR'S TOTAL 22·80
Rain Days.	20	12	19	17	17	14	10	14	17	16	21	11	188.

W.7,000, XI. 13

p. t. o.

No 5 Exc D L

REGISTER OF RAINFALL IN 1914

FORM A. BRITISH RAINFALL. 4 JAN 1915

Kept at West Hendon House, Sunderland

in the County of Durham 2

by Thos. Wm. Backhouse.

Lat. 54°53'8 N Long. 1°22'8 W

Time of Observation 8 a m

Nearest Railway Station Sunderland

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 130 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	·03	·01	–	–	·01–	·25	·12	–	·09	–	·04	1
2	–	–	–	·00	–	–	·30	·67	–	0·3	·16	·12	2
3	–	·04	·02	–	·18	·00	·11	–	–	–	·15	·31	3
4	·01	–	·01–	·04	·01–	·03	–	–	–	·00	·01	·18	4
5	·02	–	·11	·05	·00	·01	·00	·00	–	·00	·62	–	5
6	5	·00	·01	·25	·01	·00	·07	·05	5	·00	·00	·12	6
7	–	·01–	·03	·02	·13	·27	–	·00	–	–	·02	·02	7
8	·42	·00	·21	·00	·40	·32	–	·13	–	·01	–	·04	8
9	·27	·03	–	·07	·03	1·39	–	–	·23	–	·07	·04	9
10	·11	·06	·11	–	–	–	·00	–	·05	–	·02	·00	10
11	·00	·03	·06	–	·05	·22	·00	–	·01	–	·15	·25	11
12	·03	·06	·03	–	·00	·00	–	–	·04	–	·01	·43	12
13	·02	·03	·09	–	·00	–	–	–	·00	–	·10	·33	13
14	·13	·10	·01–	–	–	–	·09	–	·00	–	·05	·14	14
15	·03	·00	·26	–	–	–	·05	–	–	·00	·59	·02	15
16	·12	–	·07	–	–	–	1·68	–	·21	–	·21	–	16
17	·04	·01	·00	–	–	–	·31	–	·74	·00	·02	·03	17
18	·05	·09	·03	–	–	·14	·00	–	·16	·01–	–	·04	18
19	·07	·00	·00	–	–	–	·34	·00	·20	–	·09	·01*	19
20	·06	·06	·43	–	–	·26	·01–	–	·01	·00	–	·01*	20
21	·04	·16	·10	–	–	·52	–	·07	–	·02	·13	·19	21
22	–	·17	·06	–	·09	·08	·00	·07	–	·07	·13	·16	22
23	–	·01–	·14	·04	·45	·42	–	–	–	·00	·03	·03	23
24	·06	–	–	·10	·02	–	–	·03	–	–	·16	0	24
25	·00	·04	–	–	–	–	·00	·05	–	·51	·02	·19	25
26	–	·01–	·04	–	–	–	·11	·03	–	·13	·00	·15	26
27	·04	–	–	–	–	–	·00	–	–	·02	·09	·10	27
28	·02	·05	·00	–	·00	·00	·00	·07	·00	–	·07	·01	28
29	·01–		·04	–	·01	–	·00	·22	–	·42	·04	–	29
30	·00	X	·01–	·07	·00	–	–	·38	–	·09	·16	·05	30
31	·03	X	–	X	·03	X	·12	·01–	X	·27	X	–	31
Total	1·58	0·99	1·88	0·64	1·41	3·67	3·44	1·90	1·65	167	3·10	3·01	YEAR'S TOTAL 24·94
Rain Days.	20	18	22	8	12	12	12	13	9	12	24	25	187

W. 8,000. X. 14.

[Over

3749

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.

5 JAN 1916

Kept at West Hendon House, No 5, Sunderland.
in the County of Durham.
by Thos. Wm. Backhouse.

Lat. 54°53'·8 N Long. 1°22'·8 W.
Time of Observation 8 am
Nearest Railway Station Sunderland
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 130 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·00

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·17	·05	·04	·02	·15	—	·07	·23	·38	—	·04	·14	1
2	·04	·23	·15	·03	—	·10	·02	·02	·11	—	·26	·12	2
3	·35	·00	·20	·11	—	—	·30	—	—	—	·15	·86	3
4	·11	·03	·02	—	·04	·01	·02	—	—	—	·13	·67	4
5	·08	·00	·01—	—	·03	·02	·00	—	—	·03	·01	·45	5
6	—	·33	·06	·03	·01	·00	·27	·04	·00	·08	—	·08	6
7	·16	·56	·12	—	·00	—	·41	·20	·03	—	—	·01—	7
8	—	·07	·06	·00	·00	—	·05	·04	—	—	·05	·00	8
9	·01	·00	—	·00	—	—	·00	·00	—	·04	·00	·66	9
10	·11	—	·10	·00	—	·03	—	·14	—	—	—	·20	10
11	·04	·25	·05	—	·68	—	—	·01—	—	—	·02	·27	11
12	·13	·21	—	·18	·03	—	·15	·01—	—	·07	·53	·10	12
13	·00	·03	—	—	·02	·00	·00	·25	·01	—	·00	·01	13
14	·04	·26	—	·01—	·16	—	·00	·01—	—	—	—	·02	14
15	·10	·11	—	—	—	—	·08	·35	—	—	·03	·11	15
16	·03	·15	·06	·00	—	·00	·30	·12	—	·02	·16	—	16
17	·39	·05	·06	—	·01—	—	·01	—	·09	—	·01	·07	17
18	—	·11	·44	—	—	—	—	—	·09	·16	·02	·02	18
19	—	·08	·02	·00	—	—	·04	—	·04	·26	·00	—	19
20	·02	—	—	·06	·01—	—	·00	·00	—	·18	—	·59	20
21	·14	·05	—	·09	·02	—	·01	·01	—	·04	—	·03	21
22	·39	—	·02	·00	—	—	·01	—	—	—	—	·12	22
23	·11	·19	·08	·00	—	—	·13	—	·00	·10	·00	·17	23
24	·01	—	·21	·06	—	·00	·00	—	·37	·02	·00	·25	24
25	—	—	·01	·00	·00	·06	·02	—	—	·06	·21	·01—†	25
26	·04	·00	·08	·04	·00	·28	·03	—	·06	·03	·01*	·10	26
27	·03	·08	·11	—	—	·00	·09	—	·00	·16	—	·34	27
28	·00	·03	·11	—	·28	—	·03	·45	—	·34	—	·04	28
29	·00		·01—	—	·38	—	·00	·04	·56	—	·06	·58	29
30	·03		·01—	·09	·00	—	·12	—	·16	·02	—	—	30
31	—		—		—		—	·34		·00		·03	31
Total	2·53	2·87	2·03	0·66	1·82	0·50	2·16	2·26	1·90	1·61	1·69	6·05	YEAR'S TOTAL 26·08
Rain Days.	22	19	23	10	13	6	20	16	11	16	15	27	198

W. 8,000. X. 15.

[Over

Gauge No 5.
(the best.)

3083

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.

6 JAN 1917

Kept at West Hendon House, Sunderland

in the County of Durham

by Thos. Wm. Backhouse.

Lat. 54° 53'·8 N Long. 1° 22'·8 W

Time of Observation 8 a.m.

Nearest Railway Station Sunderland

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 130 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·00

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·13	·00	·14	—	—	·14	·28	—	—	·00	·03	·00	1
2	·02	·02	·07	—	—	·11	·01	—	·07	·02	·01–	·03	2
3	—	·02	·14	·10	·00	·04	—	·04	1·03	·08	·09	·01–	3
4	·00	·11	·05	·03	·65	·10	·15	—	·01	·66	·35	·01–	4
5	·07	—	·25	—	·20	·14	—	·00	—	·24	·32	·01–	5
6	·00	·09	·05	·05	·37	·03	·10	·00	—	·06	·16	·02	6
7	—	·02	·08	·07	·17	·41	·28	—	·01–†	·02	·01	·27	7
8	—	—	·10	—	·04	·02	·01	—	—	·01–	—	·01–	8
9	—	—	·06	—	·02	·05	·02	—	—	—	—	·35	9
10	·08	·00	·06	—	—	·02	·09	—	—	·00	·00	·50	10
11	·01	·40	·23	·19	·01	·11	·25	—	·05	·04	—	·19	11
12	·02	·01–	·23	·02	·28	·01	·48	·00	—	·00	—	·21	12
13	—	—	·22	·01–	·05	·00	·15	·12	·02	·25	·06	·22	13
14	·00	·21	·12	·00	·07	·04	—	·10	—	·08	·00	·18	14
15	·00	·21	·52	—	—	—	·04	·23	·00	·01–	—	—	15
16	—	·01	·27	·12	—	—	·07	·37	—	·01	—	·21	16
17	·02	—	·01†	·07	·00	—	·03	·10	·15	·11	·03	—	17
18	—	·19	—	·38	—	·04	·04	·21	·16	·02	·92	·02	18
19	·05	·01–	·07	·20	—	—	—	·02	·08	·00	·55	·10	19
20	·05	·01–*	·14	·05	—	·00	·78	·29	—	—	·10	·08	20
21	·02	·09	·08	·20	·06	—	·01	—	—	—	·01*	·00	21
22	·01–	·07	·01–	·03	·00	·06	—	—	·00	·03	—	—	22
23	·00	·03	·03	—	—	·14	—	·01	—	·01	·00	·36	23
24	—	·00	·01	·00	·00	·38	·01–†	·24	—	·08	·00	—	24
25	·02	·07	·08	—	·05	·01	—	·32	—	·14	·18	·04	25
26	·24	·07	·01	—	·01	·02	—	·20	·00	·01	·02	—	26
27	—	·07	·00	—	—	·01–	—	·35	·00	·18	·00	·08	27
28	·00	·12	·00	—	·10	·14	—	·06	·02	·19	·00	·18	28
29	—	·30	—	·01–	—	—	—	·01	—	·13	·00	·01–	29
30	·00	X	—	—	·03	·01	·05	—	·05	·12	—	—	30
31	·01	X	—	X	·02	X	·02	·01	X	·11	X	·00	31
Total	0·75	2·13	3·03	1·53	2·13	2·03	2·87	2·68	1·65	2·61	2·84	3·09	YEAR'S TOTAL 27·34
Rain Days.	14	21	25	15	16	22	20	17	11	24	15	22	222

W. 8,000, VIII. 16

over.

No 5
(the best)

3532

REGISTER OF RAINFALL IN 1917

FORM A.
BRITISH RAINFALL.

JAN 1918

Kept at West Hendon House, Sunderland
in the County of Durham
by Thos. Wm. Backhouse

Lat. 54° 53′ 8 N Long. 1° 22′ 8 W
Time of Observation 8 a.m.
Nearest Railway Station Sunderland
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 130 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·00

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	·02	—	·23	—	·06	—	·42	·75	—	·17	·03	1
2	·09	—	—	·45	—	·13	—	·17	—	—	·00	·00	2
3	·03	—	·00	·20	—	·05	·01	·01–	·01–	·07	·00	—	3
4	—	·00	·03	·01	—	—	·00	·01	—	·00	·01	·00	4
5	·00	—	·17	·27	·00	—	—	·02	—	·11	·01	·00	5
6	—	—	·00	—	—	—	—	·01–	·00	·01–	·02	—	6
7	·51	—	·02	—	—	·02	—	·05	—	·19	—	·07	7
8	·19	—	·03	·14	·01	—	—	·33	·00	·58	·05	—	8
9	·28	·01	—	·04	—	—	·00	·26	·00	·06	·23	·03	9
10	·16	·01	·64	·38	·05	—	—	·29	—	·24	33	—	10
11	·15	·05	—	·01	·12	·01–	—	·18	—	·06	·01–	—	11
12	·19	·02	·01	·10	·15	—	—	·00	·00	—	—	·07	12
13	·15	·00	—	·02	·43	·20	00	·77	·19	·08	—	—	13
14	·21	—	·01	·15	·97	—	·00	·14	—	·21	—	·05	14
15	·19	—	—	·01	·03	—	·05	·70	·04	·01	·00	·15	15
16	·07	—	—	·23	—	·08	·03	·05	·01–	·00	—	·70	16
17	·11	·02	—	·11	·41	—	·00	·53	·00	·00	—	·48	17
18	·03	·01	—	·09	·18	—	·12	·06	·00	—	—	—	18
19	·07	·07	·15	—	·22	·05	—	—	—	—	—	·00	19
20	·12	·31	·05	·02	—	·26	—	·17	·05	—	·20	·21	20
21	·01–	·22	·12	·00	·00	—	—	·02	—	·00	·04	·01–	21
22	—	—	·17	—	—	·00	—	·05	·00	·00	·02	—	22
23	·01	·02	—	·00	·08	·03	—	·08	·00	—	·00	—	23
24	·00	—	·00	·01–	·01	—	·12	·00	—	·19	·21	·06	24
25	·01–	·01	·12	—	—	·03	·03	·02	·02	·02	·00	·29	25
26	·00	—	·20	—	—	·07	—	·48	·23	·03	·08	·07	26
27	·04	—	·18	—	—	·00	·39	·74	—	·06	—	·23	27
28	·01–	—	·07	—	—	—	·02	·62	—	·01–	·02	·03	28
29	·01–		—	—	—	—	·02	·33	·00	·19	·00	·03	29
30	·04		·03	·00	—	—	—	—	—	·10	·11	·09	30
31	·19		·58		·00		·02	·03		—		·20	31
Total	2·87	0·77	2·58	2·47	2·66	0·99	0·81	6·34	1·30	2·22	1·51	2·80	YEAR'S TOTAL 27·32
Rain Days	24	12	17	18	12	12	10	27	8	18	15	18	191

W. 8,000, IX. 17.

over

Exd. E.F.E.

No 5
(The Best)

34

REGISTER OF RAINFALL IN 1918.

FORM A.
BRITISH RAINFALL.

6.1.19

Kept at West Hendon House Sunderland

in the County of Durham

by Thos. Wm Backhouse

Lat. 54° 53'·8 N Long. 1° 22·8 W

Time of Observation 8 am

Nearest Railway Station Sunderland

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 130 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following. —

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
									~~·17~~	~~·10~~	~~·29~~	~~·03~~	
1	·04	·00	·07	·01–	·02	–	–	–	·17	·10	·29	·03	1
2	·10	·02	·00	·06	–	–	–	–	·03	·01	·00	·26	2
3	·07	–	·04	·00	·01	–	–	·01	–	·11	·24	·04	3
4	–	·00	·01	·00	·31	–	–	·01–	·00	·08	·13	·02	4
5	–	–	·12	·00	·68	–	·01	·07	–	·03	–	·03	5
6	·07	·22	·01–	·37	·01	·24	–	·01	–	·15	–	·01	6
7	·13	·12	–	·03	–	–	·10	–	·02	·03	·12	–	7
8	·01–	·00	·14	–	–	–	·10	·01	·35	·02	·00	–	8
9	·00	·13	–	·06	–	·00	·00	·00	·54	·11	·00	–	9
10	·00	·00	·02	·06	–	–	·03	–	·04	·01	·01–	·00	10
11	·22	·12	·01–	·02	·29	–	·17	·01	–	–	·00	·09	11
12	–	·06	–	·06	·00	·00	·22	·12	·02	·21	–	·02	12
13	·01–	·03	–	·10	·09	–	–	·00	·02	·10	–	–	13
14	·04	·00	–	·08	–	·00	·04	·00	·42	·08	–	–	14
15	·00	–	·00	·05	–	·07	·48	–	1·34	·00	–	·67	15
16	·01–	–	·02	–	·00	·05	·26	·19	·46	·01	–	·43	16
17	·19	–	·01–	·01	·00	·00	·21	·00	·01	·31	–	·15	17
18	·49	–	·08	·09	–	·00	·28	·00	·33	·07	–	·04	18
19	·38	–	·02	·29	–	–	·31	·10	·02	·46	–	–	19
20	·12	·28	·00	·03	·00	·04	·34	–	·07	·07	–	·00	20
21	·26	·00	–	·01–	·14	·00	·07	–	·12	·08	–	–	21
22	·04	·00	–	·01	·02	·00	·13	–	–	–	–	·33	22
23	·21	–	–	·01	·12	–	·68	–	·02	–	·01	·00	23
24	·00	·00	–	–	–	·00	·07	·04	·22	·01–	–	·00	24
25	–	–	·04	–	–	·02	·08	·10	·03	–	·01	·04	25
26	–	·00	–	–	·00	–	·30	·06	·16	–	·11	·02	26
27	–	·07	·04	–	·19	·03	·01	·25	·09	·00	·00	·08	27
28	[illegible]	·09	·05	–	–	·02	–	–	·00	·06	·00	·27	28
29	–	X	·01	–	–	–	–	·02	·15	–	·00	·30	29
30	–	X	·03	·00	–	–	–	–	·19	–	·03	·75	30
31	–	X	·24	X	–	X	·00	·02	X	–	X	·03	31
Total	2·39 ✓	1·14 ✓	1·06 ✓	1·35 ✓	1·88 ✓	0·47 ✓	3·89 ✓	1·02 ✓	4·82 ✓	2·05 ✓	0·95 ✓	3·61 ✓	YEAR'S TOTAL 24·63 ✓
Rain Days.	17 21	10 ✓	18 ✓	18 ✓	11 ✓	7 ✓	20 ✓	15 ✓	23 ✓	20 ✓	9 ✓	20 ✓	188 ✓

W. 6,500, VII. 18. W W C

No. 5f
(The best.)

3356

REGISTER OF RAINFALL IN 1919.

FORM A.
BRITISH RAINFALL

JAN 20

Kept at West Hendon House, Sunderland

in the County of Durham.

by Thos Wm Backhouse.

Lat. 54° 53'·8 Long. 1° 22'·8 W.

Time of Observation 8 a.m.

Nearest Railway Station Sunderland

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 130 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. —

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·15	·07	·00	—	·12	—	·36	·00	·23	·03	·15	·03	1
2	·00	·04	·00	·00	—	—	·50	—	·01	—	·10	—	2
3	·23	·00	—	·00	·07	·08	·03	—	—	—	·13	—	3
4	·58	·25	·13	—	·09	·01	·02	·00	·00	—	·22	·03	4
5	·24	·14	—	—	·00	·01	·01–	—	·00	—	·11	·01	5
6	—	·00	·06	—	·01–	—	—	—	—	·03	·13	·08	6
7	·01–	·00	·40	·00	·07	—	—	—	·00	—	·02	·30	7
8	·11	—	·01	·07	·18	—	·00	·02	—	·13	·45	·13	8
9	·06	—	·13	—	—	·04	·00	·00	—	·01	·16	·00	9
10	—	—	·14	·01–	·03	·01	—	—	—	·14	·46	·04	10
11	·00	—	·30	—	·22	—	·01–	—	·28	·65	·28	·00	11
12	·01	—	·24	·03	—	—	·01	—	·01	·18	·10	—	12
13	·02	—	·14	·00	—	·13	·09	·16	·04	·18	·18	—	13
14	·06	·06	·05	·44	—	—	—	·05	—	·06	·32	·00	14
15	·24	·16	·05	·10	—	—	—	·05	—	—	·06	·60	15
16	·09	·05	·00	·01	—	—	·00	—	—	·00	·01	·01–*	16
17	—	·03	—	·07	·08	—	—	·00	—	—	·12	—	17
18	—	—	—	—	·01	·00	·03	·12	·02	—	·01–	·08	18
19	·02	·13	·50	·02	—	·03	·06	·12	·15	—	·09	·02	19
20	·27	·30	·06	—	—	—	·04	·01	·01	—	—	·18	20
21	·20	·18	·07	—	—	·07	—	·01	·07	—	·01	·03	21
22	—	·14	·05	—	—	·03	·09	—	·07	·00	—	·01–	22
23	·01	·02	·01	·04	—	·29	·02	·66	—	·98	·02	·01	23
24	·09	—	·00	·02	·00	·02	·01–	—	·00	·41	·07	·00	24
25	·09	·12	·00	·09	·01	·01–	·00	·57	·01–	·01	·17	·00	25
26	—	·16	·10	·03	—	·01	·00	·09	·18	·29	·60	·20	26
27	·05	—	—	·40	—	·01	·01	·00	·02	1·52	·11	·08	27
28	·07	—	·00	·22	·00	—	·00	·82	·00	·52	·30	·18	28
29	·11	×	·02	·01	·00	·08	·00	·00	·00	·48	—	·12	29
30	·02	×	·14	·22	—	·27	—	—	·00	·22	·03	·33	30
31	·12	×	·01	×	·03	×	·19	—	×	·20	×	·19	31
Total	2·85	1·80	2·61	1·78	0·92	1·10	1·48	2·08	1·10	5·44	4·41	2·66	YEAR'S TOTAL 28·23
Rain Days.	23	15	20	16	12	16	16	12	13	18	27	21	209
Days with ·04 in.	17	12	16	9	7	7	7	9	7	14	21	13	139

* Probably fog, & not rain. (over

W. 6,500, VII. 18. W W C

No 57. 3238

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

5 JAN 1921

REGISTER OF RAINFALL IN 1920.

Kept at West Hendon House, Sunderland
in the County of Durham
by T. W. Backhouse (till March) & M. Morrisey

Lat. 54° 54' N Long. 1° 23' W
Time of Observation 8 a.m.
Nearest Railway Station Sunderland
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 130 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	·09	·33	·61	·03	·08	-	·01	·28	X	·08	1
2	—	—	·22	·19	·01	—	·36	-	·07	·12			2
3	—	·01	-	·23	—	·10	·83	·18	·04	·45		·22	3
4	·03	—	—	·02	·06	—	·55	·44	·06	1·14		·33	4
5	—	—	·05	—	·20	—	·30	·07	-			·22	5
6	—	—	·20	—	·06	—	·09	-	-			·06	6
7	—	—	·02	—	—	—	·10	-	-			·12	7
8	·01	—	—	·05	·23	—	·34	·03	-	·02		·12	8
9	·10	·02	—	·31	—	—	·03	·33	·06	·01	·17		9
10	·87	·15	·01	·33	—	—	·02	-	·04			·02	10
11	·20	·03	—	·24	·29	·02	-	-	—			·02	11
12	·24	—	·01	·34	·02	—	·01	-	·03			·16	12
13	·17	·01	—	·01	—	—	-	-	·06		·02	·34	13
14	·01	·03	·48	·05	—	—	·06	-	-	·07	·05	·19	14
15	—	·06	·17	·09	—	—	—	-	-	·21	·07	·06	15
16	—	—	·01	·02	—	—	·40	-	·16		·02	·04	16
17	—	—	—	—	·12	—	·01	·21	·06	·09		·01	17
18	·25	·09	—	—	·11	—	·19	·02	·18				18
19	—	·48	—	·05	—	·01	-	·05	·06				19
20	·12	·02	—	·05	—	·06	-	·50	·04				20
21	—	—	—	·09	—	—	·09		·04			·03	21
22	·04	—	—	·10	—	—	·06		-				22
23	—	—	·09	·04	—	—	·18		-			·11	23
24	·03	—	·70	·01	—	—	·14		-		·02	·01	24
25	—	·03	·07	·01	-	·02	·54		-			~~[illegible]~~	25
26	—	·01	·62	·02	—	—	·20		-			·02	26
27	·07	—	·01	·06	·78	·33	·01		-			~~[illegible]~~	27
28	·41	—	·46	·03	·02	·05	·03		-		·25	~~[illegible]~~ ·31	28
29	·10	—	·05	—	·74	·01	·01		·04		·07	·68	29
30	·02		·01	—	·11	—	-		·30		·03	·06	30
31	·11		—		—		·04	·01				·10	31
TOTAL	2·78	0·94	3·27	2·67	3·36	0·63	4·67	1·84	1·25	2·39	0·70	3·26	YEAR'S TOTAL 27·76
Days with ·01 in. or more	17	12	18	23	14	9	25	10	16	9	9	23	185

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

12 4 12 16 11 4 18 7 14 7 5 17 127

No. 6

3239

JAN 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at West Hendon House Sunderland

in the County of Durham

by T. W. Backhouse (to March) & M. Mounsey

Lat. 54° 54' N Long 1° 23' W

Time of Observation 8 a.m.

Nearest Railway Station Sunderland

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

" " " " Sea Level 130 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		-	·09	·33	·61	·03	·08	-	·01	·28	-	·08	1
2		·	·22	·19	·01	-	·36	-	·07	·12	-	·01	2
3		·01	·	·23	-	·10	·87	·18	·04	·46	-	·24	3
4	·03	·	·	·02	·06	-	·55	·44	·06	1·14	-	·33	4
5	-	-	·05	-	·20	-	·30	·07	-	-	-	·23	5
6	-	·	·20	-	·06	-	·09	-	-	-	-	·06	6
7	-	-	·02	-	·	-	·10	-	-	·	-	·13	7
8	·01	-	·	·05	·23	-	·35	·03	-	·02	-	·12	8
9	·10	·02	·	·31	·	-	·03	·32	·06	·01	·18	-	9
10	·88	·15	·01	·33	·	-	·02	-	·04	-	·01	·01	10
11	·20	·03	·	·24	·29	·02	-	-	-	-	-	·02	11
12	·24	-	·01	·34	·02	·	·01	-	·03	-	-	·19	12
13	·17	·01	·	·01	·	-	-	-	·06	·	·02	·40	13
14	·01	·03	·48	·05	-	-	·06	-	-	·07	·05	·21	14
15	-	·06	·17	·09	·	-	-	-	-	·21	·07	·07	15
16	-	·	·01	·02	·	-	·40	-	·16	-	·02	·04	16
17	-	·	-	-	·12	-	·01	·21	·06	·09	-	·01	17
18	·25	·09	-	-	·11	-	·19	·02	·18	-	-	-	18
19	-	·48	-	·05	·	·01	-	·05	·06	-	-	-	19
20	·12	·02	·	·05	-	·06	-	·51	·04	-	-	-	20
21	-	·	·	·09	-	-	·09	-	·04	-	-	·03	21
22	·04	·	·	·10	-	-	·06	-	-	-	-	-	22
23	-	·	·09	·04	-	-	·18	-	-	-	-	·11	23
24	·03	·	·71	·01	-	-	·14	-	-	-	·02	-	24
25	-	·03	·07	·01	-	·02	·55	-	-	-	-	-	25
26	-	·01	·62	·02	-	-	·22	-	-	-	-	·02	26
27	·07	·	·01	·06	·78	·33	·01	-	-	-	-	·	27
28	·41	-	·46	·03	·02	·05	·03	-	·	-	·25	·31	28
29	·10	·	·05	·	·74	·01	·01	-	·04	-	·07	·66	29
30	·02	╳	·01	-	·11	-	-	-	·30	-	·03	·07	30
31	·11	╳	-	╳	-	╳	·04	·01	╳	-	╳	·10	31
TOTAL	2·79	·94	3·28	2·67	3·36	·63	4·75	1·84	1·25	2·40	·72	3·45	YEAR'S TOTAL 28·08
Days with ·01 in. or more	17	12	18	23	14	9	25	10	16	9	10	23	186
Days with ·04 in. or more	12	4	12	16	11	4	18	7	14	7	5	17	127

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

DURHAM

USHAW.

ST. CUTHBERT'S COLLEGE

1911-12, 14-15, 19-20

FORM A2.
BRITISH RAINFALL.
16 FEB 1912

REC 1911

nowdon

Kept at Ushaw Co f top 5 in.s

op above Ground ft. 9 in.s

in the County of Durh „ Sea Level 600 ft.

n 9. A.M.

by (Rev) C. Gelde

tation { Name Witton Gilbert
Distance 1¼ m. Direction N

IMPORTANT NOTE ., and the result entered to the previous day. If an Obs st universal rule, he is earnestly requested to add the readi wing year in the space provided for it at the end of this neasurement of rain, the selection and placing the British Rainfall Organization are given in ee on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
—

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	–	–	–	–	·01	–	·02	·05	–	·13	·03	–	1
2	·32	–	·01	–	·10	–	·11	–	–	~~·11~~ —	·04	–	2
3	·02	–	·09	·06	·14	–	–	–	–	·11	–	·15	3
4	·08	–	·08	·23	–	–	–	·43	–	·21	·02	–	4
5	·04	–	·02	·01	–	–	–	·20	–	·06	·09	·06	5
6	–	–	·10	·12	–	–	–	·15	–	·23	·02	–	6
7	·25	–	–	·02	–	–	–	–	–	·03	–	·54	7
8	–	–	·20	·01	–	·01	–	–	–	·02	·18	–	8
9	–	–	–	·01	–	–	–	–	–	·06	·10	·19	9
10	·02	·03	–	·06	–	–	–	–	–	–	–	·32	10
11	·65	–	–	–	–	–	–	–	–	–	·02	·50	11
12	·25	–	·12	–	·03	·04	–	–	·40	–	·07	·01	12
13	–	·04	·27	–	·03	·01	–	–	·70	–	·22	–	13
14	–	·04	·21	–	·15	–	–	–	–	·01	·06	·39	14
15	–	·01	·19	–	–	–	–	–	–	–	–	·48	15
16	–	–	·31	·10	–	·06	·08	–	–	·01	·04	·21	16
17	–	–	·15	–	–	·83	·01	–	–	·01	–	·04	17
18	–	·12	·14	–	–	–	–	–	–	–	·26	·14	18
19	–	–	·07	·03	–	·74	–	–	–	–	·49	·25	19
20	–	·09	–	·11	–	–	·22	·04	·04	·16	1·18	·14	20
21	–	·13	–	–	–	–	–	·45	–	–	·03	·16	21
22	·33	–	–	–	–	·02	–	·75	·03	·07	·14	–	22
23	·03	·26	–	–	–	·96	–	·04	–	–	·12	–	23
24	–	–	·02	–	–	1·93	–	–	·08	–	–	·21	24
25	–	·07	–	–	–	·35	·01	·02	–	·22	–	·06	25
26	–	·03	–	·02	·01	–	–	–	·10	·23	·01	·02	26
27	–	–	·03	·17	–	–	–	·06	·01	·93	1·62	–	27
28	–	–	·01	·30	–	–	–	·18	·08	·01	·10	·03	28
29	–		·01	·02	–	–	–	·10	·04	–	–	·08	29
30	–		·02	–	·01	–	·01	–	·50	·12	–	·02	30
31	–		–		·15			–		·20		–	31
Total	2·09	·82	2·05	1·27	·63	4·95	·46	2·47	1·98	2·82	3·84	4·00	TOTAL for year 27·31
No. of Rain Days.	10	10	19	15	9	10	7	12	10	19	21	21	163

W. 8,000, X. '11.

250

REG 19 11

FORM A2.
BRITISH RAINFALL.

16 FEB 1912

Kept at Ushaw College

in the County of Durham 2

by (Rev) C. Gelderd

Rain Gauge: Pattern Snowdon
Diameter of top 5 in.s
Height of top above Ground ft. 9 in.s
" " " Sea Level 600 ft.

Time of Observation 9. A.M.

Nearest Railway Station: Name Witton Gilbert
Distance 1¼ m Direction N

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. —

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	–	–	–	·01	–	·02	·05	–	·13	·03	–	1
2	·32	–	·01	–	·10	–	·11	–	–	~~·11~~	·04	–	2
3	·02	–	·09	·06	·14	–	–	–	–	·11	–	·15	3
4	·08	–	·08	·23	–	–	–	·43	–	·21	·02	–	4
5	·04	–	·02	·01	–	–	–	·20	–	·06	·09	·06	5
6	–	–	·10	·12	–	–	–	·15	–	·23	·02	–	6
7	·25	–	–	·02	–	–	–	–	–	·03	–	·54	7
8	–	–	·20	·01	–	·01	–	–	–	·02	·18	–	8
9	–	–	–	·01	–	–	–	–	–	·06	·10	·19	9
10	·02	·03	–	·06	–	–	–	–	–	–	–	·32	10
11	·65	–	–	–	–	–	–	–	–	–	·02	·50	11
12	·25	–	·12	–	·03	·04	–	–	·40	–	·07	·01	12
13	–	·04	·27	–	·03	·01	–	–	·70	–	·22	–	13
14	–	·04	·21	–	·15	–	–	–	–	·01	·06	·39	14
15	–	·01	·19	–	–	–	–	–	–	–	–	·48	15
16	–	–	·31	·10	–	·06	·08	–	–	·01	·04	·21	16
17	–	–	·15	–	–	·83	·01	–	–	·01	–	·04	17
18	–	·12	·14	–	–	–	–	–	–	–	·26	·14	18
19	–	–	·07	·03	–	·74	–	–	–	–	·49	·25	19
20	–	·09	–	·11	–	–	·22	·04	·04	·16	1·18	·14	20
21	–	·13	–	–	–	–	–	·45	–	–	·03	·16	21
22	·33	–	–	–	–	·02	–	·75	·03	·07	·14	–	22
23	·03	·26	–	–	–	·96	–	·04	–	–	·12	–	23
24	–	–	·02	–	–	1·93	–	–	·08	–	–	·21	24
25	–	·07	–	–	–	·35	·01	·02	–	·22	–	·06	25
26	–	·03	–	·02	·01	–	–	–	·10	·23	·01	·02	26
27	–	–	·03	·17	–	–	–	·06	·01	·93	1·62	–	27
28	–	–	·01	·30	–	–	–	·18	·08	·01	·10	·03	28
29	–		·01	·02	–	–	–	·10	·04	–	–	·08	29
30	–		·02	–	·01	–	·01	–	·50	·12	–	·02	30
31	–		–		·15			–		·20		–	31
Total	2·09	·82	2·05	1·27	·63	4·95	·46	2·47	1·98	2·82	3·84	4·00	TOTAL for year 27·31
No. of Rain Days.	10	10	19	15	9	10	7	12	10	19	21	21	163

W. 8,000, X. '11.

Cord by MO dly rn data 19·111·13

✓

REGISTER OF RAINFALL IN 1912

FORM A2.
BRITISH RAINFALL.
29 JAN 1913

Kept at Ushaw College.

in the County of Durham 2

by Charles Gelderd

RAIN GAUGE
Pattern Snowdon
Diameter of top 5 in.
Height of top above Ground 1 ft. - in.
" " " Sea Level 600 ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Witton Gilbert
Distance 1¼ m. Direction N

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	·27	·11	-	·01	·27	·33	·16	·04	·50	-	·10	1
2	-	·10	·12	-	·02	·52	·29	·75	·07	·12	·03	-	2
3	·10	·04	-	-	-	·47	·01	·35	·31	·06	-	·24	3
4	·10	-	·41	-	·03	·48	-	·50	-	-	·01	-	4
5	-	-	-	-	·16	·20	-	·12	-	-	-	-	5
6	·44	·17	-	-	·01	·08	-	·08	-	-	-	-	6
7	-	·02	·01	-	·14	-	·02	·19	-	-	·02	·04	7
8	·45	·10	·03	·01	-	·03	-	-	-	-	·09	-	8
9	·01	-	·11	-	-	·26	-	-	·02	-	·05	-	9
10	·03	-	·03	·07	·02	·27	-	·10	-	-	·06	·05	10
11	-	·10	-	-	-	-	·01	·38	·01	-	·25	·01	11
12	·06	·35	-	-	-	·21	·38	-	-	-	·43	·02	12
13	-	·01	-	-	-	·12	-	-	-	·08	·28	·07	13
14	·05	-	·10	-	-	·13	-	·02	-	-	-	·07	14
15	·08	·02	·08	-	·65	·04	-	-	-	-	-	·48	15
16	·56	-	·12	-	·03	·02	·04	-	-	·01	-	-	16
17	-	·09	·23	-	-	·33	·01	·19	-	-	-	·03	17
18	·11	·22	-	-	-	-	·06	-	-	·01	-	-	18
19	·08	·64	-	-	·03	-	·25	·20	-	-	-	-	19
20	·15	·08	-	-	·74	·04	·03	-	-	·25	·01	-	20
21	·10	-	·22	-	·26	·01	·04	-	-	·03	·01	·03	21
22	-	·05	·04	-	·33	·30	-	·05	-	·01	-	-	22
23	·02	-	·01	-	·04	-	·17	·80	-	·18	·04	-	23
24	·43	-	-	-	-	-	·18	·20	-	·01	·03	·18	24
25	·37	-	-	-	-	·29	·20	·55	-	-	·15	-	25
26	·12	·08	·01	-	-	·15	-	·08	-	·79	·16	·29	26
27	-	-	-	-	-	·32	·43	·01	-	·16	·03	·24	27
28	-	·07	·01	-	·06	·13	·37	·50	-	·15	·07	-	28
29	-	-	·33	-	-	-	·11	·01	·36	·09	-	·07	29
30	·01		·05	-	·03	·08	-	·03	·62	·13	-	-	30
31	-		·18		·07		·75	·20		·03		-	31
Total	3·27	2·41	2·20	·08	2·63	4·75	3·68	5·47	1·43	2·61	1·70 1·72	1·92	TOTAL for year 32·17
No. of Rain Days.	19	17	19	2	17	23	19	22	7	17	17	15	194

W. 8,000, X. '11.

entd by mm stats 13·III·15

REGISTER OF RAINFALL IN 1914

Kept at Ushaw College

in the County of Durham 2

by J. L. Barnes (Rev)

Lat. 54° 47′ Long. 1° 39′
Time of Observation 9 a.m.
Nearest Railway Station Ushaw Moor.
Diameter of Rain Gauge in.
Height of top of Gauge above Ground 1 ft. – in.
" " " " Sea Level 600 ft.

FORM A.
BRITISH RAINFALL.
9 JAN 1915

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	·08	–	–	–	·01	·31	–	–	–	·22	·05	1
2	–	–	–	–	–	–	·38	·28	–	·02	·36	·33	2
3	–	·02	·01	–	·14	–	–	·07	–	–	·06	·41	3
4	·04	–	–	·07	–	·04	–	·50	–	–	·04	·38	4
5	·01	–	·09	·15	–	–	–	·04	–	–	·39	–	5
6	–	–	·02	·06	·04	–	–	·05	–	–	–	·14	6
7	–	·03	·07	·083	·14	·35	–	·03	–	–	·03	·09	7
8	·30	·02	·17	–	·25	·80	–	·13	·16	–	–	·07	8
9	·36	·09	–	·15	·01	1·9	–	–	·06	–	·10	·06	9
10	·08	·12	–	–	–	–	–	–	·02	–	·17	·02	10
11	–	·04	·17	–	·13	·09	–	–	·02	–	·16	·54	11
12	·08	·06	–	–	–	–	–	–	·01	–	·08	·94	12
13	·02	·04	·17	–	–	–	–	–	–	·01	·11	·34	13
14	·18	·30	–	–	–	–	·06	–	·01	·01	·13	·11	14
15	·04	·10	·18	–	–	–	·12	–	·52	–	·50	·16	15
16	·08	–	·03	–	–	–	1·30	–	·77	–	·07	·01	16
17	·08	·04	·01	–	–	–	·15	–	·10	–	·02	·12	17
18	·01	–	·02	–	–	·24	–	–	·11	·02	–	–	18
19	·01	–	–	–	–	–	·09	–	–	–	·13	–	19
20	–	·07	·18	–	–	·15	–	·03	–	·01	–	–	20
21	·01	·38	·05	–	–	·51	–	·30	–	·05	·16	·10	21
22	–	·05	–	–	·15	·06	–	·10	–	·05	·10	·14	22
23	–	·02	·06	–	·39	·26	–	–	–	–	–	·06	23
24	–	–	·03	·04	–	–	–	·05	–	–	·05	–	24
25	·01	·03	·07	–	–	–	–	·10	–	·46	·01	·22	25
26	–	–	·20	–	–	–	–	·02	–	·11	–	·23	26
27	·02	–	–	–	–	–	–	–	–	·13	·15	·06	27
28	–	(·03)	·01	–	–	–	–	·09	–	–	·09	–	28
29	·02	×	·09	–	·01	–	–	·26	–	·88	·06	–	29
30	–	×	·01	·06	–	–	–	·05	–	·20	·16	·27	30
31	·12	×	–	×	·01	×	–	·15	×	·35	×	–	31
Total	1·47	1·52 ✓	1·64	·56	1·27	4·41	2·41	2·25	1·78	2·30	3·35	4·85	YEAR'S TOTAL 27·81 ✓
Rain Days.	18	18 ✓	20	7	10	11	4	17	10	13	24	23	178 ✓

W. 8,000. X. 14.

cwd 9.V.16

3736

FORM A.
BRITISH RAINFALL
15. JAN 1916

REGISTER OF RAINFALL IN 1915

Kept at Ushaw.

in the County of Durham.

by T. L. Baines (Rev)

Lat. 54° 47′ Long. 1° 39′

Time of Observation 9 a.m.

Nearest Railway Station Ushaw Moor

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 596 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·34	·17	·04	–	·12	–	·37	·15	·30	–	·15	·12	1
2	–	·27	·34	(·07)	–	·07	·02	·10	·03	–	·01	·06	2
3	·47	trace	·08	·13	–	trace	·32	·05	–	–	·13	1·04	3
4	·15	·08	trace	·01	·05	·02	trace	·03	–	–	·04	1·04	4
5	·05	·10	·03	–	·04	·01	·02	·02	·01	·04	·02	·83	5
6	–	·33	·14	·09	·07	–	·32	·05	–	·06	–	·12	6
7	·16	·50	·07	·05	·01	–	·77	·20	–	–	–	–	7
8	·04	·14	·10	·02	·01	–	·15	·08	–	–	·11	–	8
9	–	·03	–	–	–	–	–	·09	–	–	·02	·76	9
10	·10	trace	·17	·04	–	·01	–	·40	–	–	–	·35	10
11	·06	·20	–	·02	·95	–	·01	trace	–	–	·14	–	11
12	·15	·10	–	·08	·07	–	·03	·05	–	·06	·75	–	12
13	–	·15	–	–	·01	–	–	·55	·05	–	·03	·04	13
14	·02	·07	–	·03	·11	–	trace	·29	–	–	·01	·02	14
15	·15	·02	–	–	–	–	·02	·60	–	–	·06	·18	15
16	·02	·15	·02	–	–	–	·35	·70	–	·23	–	trace	16
17	–	·09	·10	–	–	–	trace	–	·02	–	·04	·06	17
18	–	·04	·33	–	–	–	–	trace	·32	·09	·06	·19	18
19	–	·05	·09	–	·01	–	·06	–	·02	·09	trace	–	19
20	·02	–	–	–	·06	–	–	–	trace	·20	–	·57	20
21	·12	·04	–	·10	·08	–	trace	·01	–	trace	–	·05	21
22	·05	–	·05	trace	·07	–	·06	–	trace	–	–	·15	22
23	·46	·15	·17	·01	–	–	–	–	·02	·07	–	·12	23
24	–	–	·30	·11	–	·01	·10	–	·49	·15	–	·51	24
25	–	–	–	trace	–	·11	·01	–	trace	·12	·02	·01	25
26	–	·03	·19	·01	–	·15	·05	–	·02	–	–	·30	26
27	·01	·12	·02	–	–	trace	·55	–	–	·32	–	·49	27
28	–	·10	·05	–	·33	–	·02	·43	–	·18	–	·06	28
29	·02	–	–	–	·39	–	·15	·11	·12	–	·15	·63	29
30	·04	╳	–	·05	–	–	trace	–	·01	·01	·01	·01	30
31	·11	╳	–	╳	–	╳	trace.	·45	╳	·01	╳	·24.	31
Total	2·24	2·93	2·29	0·82	2·38	0·38	3·48	4·36	1·41	1·73	1·75	7·94.	YEAR'S TOTAL 31·71
Rain Days.	20	22	18	15	16	7	19	19	12	14	17	25.	204 204

W. 8,000. X. 15.

Form A/2. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

14 JAN 20

Kept at Ushaw College

in the County of Durham

by Rev. A. Horkin

Lat. 54° 47′ Long. 1° 39

Time of Observation 0900 hrs.

Nearest Railway Station Ushaw Moor

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground — ft. 9 in.

" " " " Sea Level 594 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	9·2	—	—	·3	3·9	—	18·5	—	7·5	1·7	3	1·8	1
2	Trace	5·6	—	Trace	—	—	19·4	—	3·5	—	2·6	—	2
3	16·5	·2	—	·5	4·5	4·9	2·3	—	—	·1	10·5	·5	3
4	8·1	—	·3	—	—	1·9	·6	—	·5	—	7	·8	4
5	—	8·2	5·3	—	3·4	·6	·2	—	—	·2	5·3	1·0	5
6	·5	—	1·6	—	5·9	Trace	—	—	—	·3	7·2	2·0	6
7	1·2	—	3·3	1·2	—	—	—	—	—	—	·2	—	7
8	3·6	—	2·0	1·1	6·0	—	—	3·0	—	·7	10·5	1·5	8
9	5·2	—	11·3	—	1·5	Trace	·1	—	—	·1	9	3·2	9
10	·4	—	3·2	·5	·6	·2	—	—	—	·8	14·5	—	10
11	·3	—	—	1·4	3·6	Trace	—	—	16·0	1·4	2·1	3·8	11
12	Trace	—	—	·4	—	1·8	—	—	1·5	6·1	1·4	·2	12
13	1·3	—	—	2·3	—	1·9	4·0	6·2	Trace	6·3	·5	·2	13
14	3·4	·6	—	8·3	—	—	4·7	·3	—	3·8	·7	·6	14
15	9·1	—	1·8	4·6	—	—	—	—	—	·1	7·0	·2	15
16	2·2	15·3	Trace	1·5	—	—	—	1·3	—	—	1·4	30·0	16
17	·2	1·8	—	—	·4	—	—	Trace	Trace	—	4·5	·2	17
18	—	—	2·8	·6	Trace	·2	—	7·0	—	—	Trace	5·0	18
19	1·5	4·5	28·2	·4	—	2·4	1·9	1·1	1·8	—	6·0	·8	19
20	10·2	7·2	2·4	Trace	—	·7	3·2	Trace	2·4	—	—	2·0	20
21	2·8	7·1	1·8	—	—	3·5	—	·2	—	—	Trace	5·4	21
22	·2	—	—	—	—	·4	2·3	—	·8	·8	·2	1·4	22
23	·8	4·5	1·6	2·1	—	—	—	—	·1	35	1·5	·2	23
24	2·0	—	·3	·2	·8	3·4	—	—	Trace	18·5	3·8	·5	24
25	2·1	3·4	—	3·1	—	1·3	—	20·5	·3	—	7·0	—	25
26	—	4·9	—	1·1	—	2·4	—	9·6	1·3	7	10·5	8·9	26
27	—	Trace	3·2	6·9	—	Trace	—	—	1·4	24	6·0	—	27
28	4·2	—	·2	13·7	—	·2	Trace	—	Trace	21	2·0	9·0	28
29	7·6	—	·3	·3	Trace	1·2	—	34·2	—	36	3·0	4·2	29
30	·5		1·2	1·6	—	5·2	—	—	1·1	7	4·1	12·0	30
31	3·3		·4		—		2·2	·3		10·5		3·4	31
Total	96·4	63·3	71·2	52·1	~~24~~ 30·6	32·2	~~59·4~~ 55·8	83·7	38·1	181·3	~~132·4~~ 131·5	98·8	Year's Total ~~955·3~~ 935·0
Days with 0·2 mm. or more	25	12	19	21	10	17	10	11	12	18	27	26	208

(44,284). Wt.21,958—218. 500. 10/19. Gp.132. A.&E.W.

Ex. Cat. 4/12/20

3346

FORM A. 2. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Ushaw College, Durham [M.O.]
in the County of Durham
by Rev. Austin Forkin

Lat 54° 47' Long 1° 39' W
Time of Observation 9h. G.M.T.
Nearest Railway Station
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground - ft. 9 in.
" " " " Sea Level 594 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	9·2	-	-	0·3	3·9	-	18·5	-	7·3	1·7	3·0	1·8	1
2	-	5·6	-	-	-	-	19·4	-	3·5	-	2·6	-	2
3	16·5	0·2	-	0·5	4·5	4·9	2·3	-	-	-	10·5	0·5	3
4	8·1	-	0·3	-	-	1·9	0·6	-	0·5	-	7·0	0·8	4
5	-	8·2	5·3	-	3·4	0·6	0·2	-	-	0·2	5·3	1·0	5
6	0·5	-	1·6	-	5·9	-	-	-	-	0·3	7·2	2·0	6
7	1·2	-	3·3	1·2	-	-	-	-	-	-	0·2	1·5	7
8	3·6	-	2·0	1·1	6·0	-	-	3·0	-	0·7	10·5	3·2	8
9	5·2	-	11·3	-	1·5	-	0·1	-	-	0·1	9·0	-	9
10	0·4	-	3·2	0·5	0·6	0·2	-	-	-	0·8	14·5	3·8	10
11	0·3	-	-	1·4	3·6	-	-	-	16·0	1·4	2·1	0·2	11
12	-	-	-	0·4	-	1·8	-	-	1·5	6·1	1·4	0·2	12
13	1·3	-	-	2·3	-	1·9	0·4	6·2	-	6·3	0·5	0·6	13
14	3·4	0·6	-	8·3	-	-	4·7	0·3	-	3·8	0·7	0·2	14
15	9·1	-	1·8	4·6	-	-	-	-	-	0·1	7·0	30·0	15
16	2·2	15·3	-	1·5	-	-	-	1·3	-	-	1·4	0·2	16
17	0·2	1·8	2·8	-	0·4	-	-	-	-	-	4·5	-	17
18	-	-	-	0·6	-	0·2	-	7·0	-	-	-	5·0	18
19	1·5	4·5	28·2	0·4	-	2·4	1·9	1·1	1·8	-	6·0	0·8	19
20	10·2	7·2	2·4	-	-	0·7	3·2	-	2·4	-	-	2·0	20
21	2·8	7·1	1·8	-	-	3·5	-	0·2	-	-	-	5·4	21
22	0·2	-	-	-	-	0·4	2·3	-	0·8	0·8	0·2	1·4	22
23	0·8	4·5	1·6	2·1	-	3·4	-	-	-	35·0	1·5	0·2	23
24	2·0	-	0·3	-	0·8	1·3	-	-	-	18·5	3·8	0·5	24
25	2·1	3·4	-	0·2	-	2·4	-	20·5	0·3	-	7·0	-	25
26	-	4·9	-	3·1	-	-	-	9·6	1·3	7·0	10·5	8·9	26
27	-	-	3·2	1·1	-	0·2	-	-	1·4	24·0	6·0	-	27
28	4·2	-	0·2	6·9	-	1·2	-	34·2	-	21·0	2·0	9·0	28
29	7·6		0·3	13·7	-	-	-	-	-	36·0	3·0	4·2	29
30	0·5		1·2	0·3 1·6	-	5·2	-	0·3	1·1	7·0	4·1	12·0	30
31	3·3		0·4		-		2·2	-		10·5		3·4	31
TOTAL	96·4	63·3	71·2	52·1 ~~51·8~~	30·6	32·2	55·8	83·7	38·1	181·3	131·5	98·8	YEAR'S TOTAL 935·0 ~~934·7~~
Days with 0·2 mm. or more	25	12	19	2~~0~~1	10	17	11	11	12	18	27	26	208

935

(44,284). Wt.21,958—218. 500. 10/19. Gp.132. A.&E.W.

Copied from M.O. Form 3202

FORM A. 2. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1920

Kept at Ushaw College
in the County of Durham
by Rev. A. Forkin

Lat. 54° 47' Long. 1° 39'
Time of Observation 9-0 a.m.
Nearest Railway Station Ushaw Moor
Diameter of Funnel of Rain Gauge Five in.
Height of top of Gauge above Ground [illegible] ft. 9 in.
" " " " Sea Level 594 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ✓

Records taken in Inches should not be entered on this form. Reading entered to previous day

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	✓	✓	3.5	9.1	19.0	0.2	7.0	✓	0.2	14.5	✓	[illegible]	1
2	✓	✓	2.0	14.2	1.4	✓	1.4	✓	4.1	1.5	✓	13.2	2
3	✓	✓	0.2	16.7	✓	3.3	42.6	1.1	2.3	9.4	✓	[illegible]	3
4	✓	✓	✓	2.5	0.3	✓	10.0	18.2	0.4	25.2	✓	14.6	4
5	✓	✓	1.7	✓	2.5	✓	5.0	1.8	0.8	0.6	✓	0.3	5
6	✓	✓	2.8	0.2	0.2	✓	5.3	✓	✓	✓	✓	2.4	6
7	0.4	0.2	✓	✓	0.4	✓	[illegible]	✓	✓	✓	✓	1.0	7
8	0.5	1.0	✓	2.2	5.0	✓	7.0	0.4	✓	✓	✓	0.3	8
9	✓	0.6	0.3	12.0	0.5	✓	1.2	2.1	0.5	0.1	✓	✓	9
10	39.0	9.5	0.3	19.0	✓	✓	8.0	2.2	✓	✓	✓	0.3	10
11	7.0	[illegible]	✓	5.0	11.0	0.3	1.5	✓	✓	✓	✓	9.0	11
12	4.5	0.3	3.2	13.0	6.0	✓	0.3	✓	✓	0.2	0.4	17.0	12
13	[illegible]	0.2	0.3	0.7	0.5	✓	0.2	✓	✓	✓	3.8	4.5	13
14	3.8	1.0	10.2	5.0	✓	✓	3.3	✓	1.3	7.6	4.0	2.5	14
15	✓	2.0	15.3	3.0	✓	✓	0.3	✓	✓	18.3	1.7	1.5	15
16	✓	✓	✓	2.0	2.0	✓	7.9	✓	9.5	0.2	0.2	0.9	16
17	0.2	0.2	0.4	1.0	1.0	✓	0.4	6.0	3.9	2.2	✓	✓	17
18	6.5	1.0	0.6	5.0	14.0	2.5	10.4	2.0	0.3	✓	✓	✓	18
19	✓	17.0	✓	1.0	✓	1.4	0.2	3.0	0.2	✓	✓	✓	19
20	3.0	1.2	✓	6.0	0.2	0.2	✓	✓	1.3	✓	✓	✓	20
21	1.5	✓	✓	0.4	✓	✓	2.5	✓	2.5	✓	✓	1.2	21
22	✓	✓	✓	4.3	0.3	1.2	7.2	✓	✓	✓	✓	✓	22
23	✓	✓	0.4	2.7	✓	0.2	9.3	✓	✓	✓	0.3	5.5	23
24	0.8	✓	22.0	0.2	✓	✓	✓	✓	✓	✓	✓	✓	24
25	0.2	1.0	3.0	✓	✓	✓	4.6	0.5	✓	✓	✓	✓	25
26	0.2	1.0	21.0	✓	✓	22.0	4.2	✓	✓	✓	✓	1.5	26
27	4.5	✓	1.0	1.0	30.0	1.5	2.2	✓	✓	✓	7.8	1.4	27
28	8.4	✓	15.0	0.2	✓	1.0	1.4	✓	✓	✓	0.6	9.7	28
29	3.5	✓	2.5	0.5	42.5	1.5	✓	✓	✓	✓	1.6	24.0	29
30	2.0	✕	1.6	~~0.2~~	1.5	✓	✓	✓	7.0	✓	2.6	3.2	30
31	4.0	✕	1.2	✕	0.5	✕	2.2	✓	✕	✓	✕	4.9	31
TOTAL	90.0	36.2	108.5	126.9	138.8	35.3	~~144.7~~ 145.6	37.3	34.3	79.8	26.3	128.1	YEAR'S TOTAL ~~986.2~~ 967.1?
Days with 0·2 mm. or more	18	18	22	~~26~~ 25	20	12	26	10	14	10	10	22	~~202~~ 203
Days with 1·0 mm. or more	12	9	~~16~~ 15	19	12	8	21	8	8	7	6	18	~~144~~ 143

(44,284). 10/19. (52,639). Wt.10,000—359. 1000. 7/20. Gp.132. A.&E.W.

3225

Exd WRD

FORM A. 2. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920

(MO)

Kept at Ushaw College, Durham
in the County of Durham
by Rev. Austin Forkin

Lat. 54° 47' N Long. 1° 39' W
Time of Observation 9h. G.M.T.
Nearest Railway Station
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground - ft. 9 in.
" " " " Sea Level 594 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	-	-	3.5	9.1	19.0	0.2	7.0	-	0.2	14.5	-	-	1
2	-	-	2.0	14.2	1.4	-	1.4	-	4.1	1.5	-	13.2	2
3	-	-	0.2	16.7	-	3.3	42.6	1.1	2.3	9.4	-	9.2	3
4	-	-	-	2.5	0.3	-	10.0	18.2	0.4	25.2	-	14.6	4
5	-	-	1.7	-	2.5	-	5.0	1.8	0.8	0.6	-	0.3	5
6	-	-	2.8	0.2	0.2	-	5.3	-	-	-	-	2.4	6
7	0.4	0.2	-		0.4	-	7.0	-	-	-	-	1.0	7
8	0.5	1.0	-	2.2	5.0	-	1.2	0.4	-	-	-	0.3	8
9	-	0.6	0.3	12.0	0.5	-	8.0	2.1	0.5	0.1	-	-	9
10	39.0	9.5	0.3	19.0	-	-	1.5	2.2	-	-	-	0.3	10
11	7.0	-	-	5.0	11.0	0.3	-	-	-	-	-	9.0	11
12	4.5	0.3	3.2	13.0	6.0	-	0.3	-	-	0.2	0.7	17.0	12
13	-	0.2	0.3	0.7	0.5	-	0.2	-	-	-	3.8	4.5	13
14	3.8	1.0	10.2	5.0	-	-	3.3	-	1.3	7.6	7.0	2.5	14
15	-	2.0	15.3	3.0	-	-	0.3	-	-	18.3	1.7	1.5	15
16	-	-	-	2.0	2.0	-	7.9	-	9.5	0.2	0.2	0.9	16
17	0.2	0.2	0.4	1.0	1.0	-	0.4	6.0	3.9	2.2	-	-	17
18	6.5	1.0	0.6	5.0	14.0	2.5	10.4	2.0	0.3	-	-	-	18
19	-	17.0	-	1.0	-	1.4	0.2	3.0	0.2	-	-	-	19
20	3.0	1.2	-	6.0	0.2	0.2	-	-	1.3	-	-	-	20
21	-	-	-	0.4	-	-	2.5	-	2.5	-	-	1.2	21
22	1.5	-	-	4.3	0.3	1.2	7.2	-	-	-	-	-	22
23	-	-	0.4	2.7	-	0.2	9.3	-	-	-	0.3	5.5	23
24	0.8	-	22.0	0.2	-	-	-	-	-	-	-	-	24
25	0.2	1.0	3.0	-	-	-	4.6	0.5	-	-	-	-	25
26	0.2	1.0	21.0	-	-	22.0	4.2	-	-	-	-	1.5	26
27	4.5	-	1.0	1.0	30.0	1.5	2.2	-	-	-	7.8	1.4	27
28	8.4	-	15.0	0.2	-	1.0	1.4	-	-	-	0.6	9.7	28
29	3.5	-	2.5	0.5	42.5	1.5	-	-	-	-	1.6	24.0	29
30	2.0	X	1.6	-	1.5	-	-	-	7.0	-	2.6	3.2	30
31	4.0	X	1.2	X	0.5	X	2.2	-	X	-	X	49	31
TOTAL	90.0	36.2	108.5	126.9	138.8	35.3	145.6	37.3	34.3	79.8	26.3	128.1	YEARLY TOTAL 987.1
Days with 0·2 mm. or more	18	14	22	25	20	12	26	10	14	10	10	22	203?
	[illegible]	9	15	19	12	8	21	8	9	7	6	18	143

35.86

(44,284). W.24 958—2(S) 500. 11/19. Gp.132. A.&E.W.

Copied from 9.3282

WASHINGTON —

USWORTH

DURHAM

1911 - 1916

FORM A2.
BRITISH RAINFALL.

2 JAN 1912

RI

Kept at Usworth ... ou to

in the County of D ... 1 ft. — in.

284 ft.

by H.W. Wal ... Usworth

m. Direction E

IMPORTANT NOTE ... daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01	—	—	—	·02	—	·05	·08	—	—	·01	—	1
2	·29	—	—	—	·02	— tr	·34	—	—	·07	·06	·03	2
3	tr	—	·105	·08	·10	—	·01	—	—	·16	·03	—	3
4	·08	—	·09	·28	—	—	—	·28	—	·01	·01	·12	4
5	·04	—	·02	·04	—	—	—	·21	—	·17	·07	—	5
6	·08	—	·06	·04	—	—	—	·02	—	·10	—	·19	6
7	—	—	tr	·01	tr	—	—	—	—	·01	—	—	7
8	tr	—	·20	·01	—	—	·02	—	—	·03	·06	·04	8
9	tr	—	—	·02	—	—	—	—	—	·01	·04	·11	9
10	·04	·05	·07	·03	—	·03	—	—	—	—	·03	·33	10
11	·35	—	·08	—	·02	—	—	tr	—	·01	·07	·07	11
12	·07	—	·08	—	·08	·03	—	·01	·36	—	·08	·01	12
13	—	·03	·20	—	—	·02	—	tr	·~~tr~~0 60	—	·40	·38	13
14	—	·05	·04	—	·27	—	—	—	tr	·01	·08	·45	14
15	tr	tr	·42	—	—	—	—	—	·01	·02	—	·24	15
16	—	tr	·31	·10	—	·06	·07	—	—	·02	·01	·03	16
17	—	—	·08	·01	—	·80	·01	—	—	—	·01	·07	17
18	—	·03	·04	—	—	·18	—	—	—	—	·21	·06	18
19	—	·tr	—	·01	—	·09	tr	·04	—	·23	·71	·05	19
20	—	·06	—	·02	—	—	·16	·41	·02	—	·62	·33	20
21	·02	·13	—	—	—	·01	—	·68	·02	·03	·09	tr.	21
22	·15	·02	—	—	—	·02	—	·17	—	—	·23	—	22
23	·06	·09	·01	·01	—	1·29	—	—		25) ·17	·08	·13	23
24	·04	·02	—	—	—	1·63	·02	·01	·13	26) ·28	—	·01	24
25	—	·04	—	·02	—	·33	—	tr	—	27) ·61	—	—	25
26	—	—	·05	·02	·02	·02	—	·06	·06	28) ·05	·03	—	26
27	—	·04	·01	·24	—	—	—	·18	tr	29) —	·63	·01	27
28	—	—	tr	·38	—	—	—	—	·10	30) ·07	·04	·09	28
29	—		·03	·06	—	·03	·10	·01	·53	31) ·21	·01	·02	29
30	—		—	—	·04	tr	—	—	·08	23) —	·01	·02	30
31	—		—	*	·16	*	—	—	*	24) —	*	·01	31
Total	1·23	·56	1·94	1·38	·73	4·54	·81	2·16	1·91	2·27	3·62	2·80	TOTAL for year 23·95
No. of Rain Days	12	11	18	18	9	14	9	13	10	20.	25.	23	182

9,000, IX. '10.

REGISTER OF RAINFALL IN 1911.

FORM A2.
BRITISH RAINFALL.
2 - JAN 1912

Kept at Usworth

in the County of Durham 3

by H. W. Walbank.

RAIN GAUGE
Pattern Not known to me.
Diameter of top 5 in.
Height of top above Ground 1 ft. – in.
" " " Sea Level 284 ft.

Time of Observation 9 a.m.

Nearest Railway Station
Name Usworth
Distance 2 m. Direction E

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01	–	–	–	·02	–	·05	·08	–	–	·01	–	1
2	·29	–	–	–	·02	– tr	·37	–	–	·07	·06	·03	2
3	tr	–	·105	·08	·10	–	·01	–	–	·16	·03	–	3
4	·08	–	·09	·28	–	–	–	·28	–	·01	·01	·12	4
5	·04	–	·02	·04	–	–	–	·21	–	·17	·07	–	5
6	·08	–	·06	·04	–	–	–	·02	–	·10	–	·19	6
7	–	–	tr	·01	tr	–	–	–	–	·01	–	–	7
8	tr	–	·20	·01	–	–	·02	–	–	·03	·06	·04	8
9	tr	–	–	·02	–	–	–	–	–	·01	·04	·11	9
10	·04	·05	·07	·03	–	·03	–	–	–	–	·03	·33	10
11	·35	–	·08	–	·02	–	–	tr	–	·01	·07	·07	11
12	·07	–	·08	–	·08	·03	–	·01	·36	–	·08	·01	12
13	–	·03	·20	–	–	·02	–	tr	·60	–	·40	·38	13
14	–	·05	·04	–	·27	–	–	–	tr	·01	·08	·45	14
15	tr	tr	·42	–	–	–	–	–	·01	·02	–	·24	15
16	–	tr	·31	·10	–	·06	·07	–	–	·02	·01	·03	16
17	–	–	·08	·01	–	·80	·01	–	–	–	·01	·07	17
18	–	·03	·04	–	–	·18	–	–	–	–	·21	·06	18
19	–	·tr	–	·01	–	·09	tr	·04	–	·23	·71	·05	19
20	–	·06	–	·02	–	–	·16	·41	·02	–	·62	·33	20
21	·02	·13	–	–	–	·01	–	·68	·02	·03	·09	tr	21
22	·15	·02	–	–	–	·02	–	·17	–	–	·23	–	22
23	·06	·09	·01	·01	–	1·29	–	–		25) ·17	·08	·13	23
24	·04	·02	–	–	–	1·63	·02	·01	·13	26) ·28	–	·01	24
25	–	·04	–	·02	–	·33	–	tr	–	27) ·61	–	–	25
26	–	–	·05	·02	·02	·02	–	·06	·06	28) ·05	·03	–	26
27	–	·04	·01	·24	–	–	–	·18	tr	29) –	·63	·01	27
28	–	–	tr	·38	–	–	–	–	·10	30) ·07	·04	·09	28
29	–		·03	·06	–	·03	·10	·01	·53	31) ·21	·01	·02	29
30	–		–	–	·04	tr	–	–	·08	23) –	·01	·02	30
31	–		–	*	·16	*	–	–	*	24) –	*	·01	31
Total	1·23	·56	1·94	1·38	·73	4·54	·81	2·16	1·91	2·27	3·62	2·80	TOTAL for year 23·95
No. of Rain Days	12	11	18	18	9	14	9	13	10	20.	25.	23	182

9,000, IX. '10.

made

REGISTER OF RAINFALL IN 1912

FORM A. BRITISH RAINFALL. 2 - JAN 1913

Kept at Usworth Village

in the County of Durham 3

by Mr H. W. Walbank

Lat. .... Long. ....
Nearest Railway Station Usworth N.E.R.
Time of Observation 9 a.m
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " Sea Level 284 ft.

Note.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. Full instructions for the measurement of rain and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	·15	·05	tr	·02	·22	·21	·27	·02	·44	—	·10	1
2	—	·08	·04	—	·06	·35	·20	·52	tr	·31	·01	—	2
3	·11	·01	—	tr	—	·69	·01	·32	·22	·06	—	·17	3
4	·10	—	·26	—	·01	·36	tr	·34	—	—	·11	·01	4
5	tr	·01	·01	—	·15	·29	—	·04	—	—	tr	—	5
6	·33	·12	—	—	·07	·10	—	·09	—	—	—	·01	6
7	·01	·03	·05	·02	·10	—	·01	·03	·45	—	·03	·01	7
8	·18	·07	·01	—	·01	—		—	·22	tr	·05	—	8
9	·02	·06	·16	·05	—	·09		—	·04	—	·06	·02	9
10	tr	·01	·01	·03	·01	·03		19	·01	—	·03	·05	10
11	tr	·20	—	—	—	tr		·04	·02	—	39	·02	11
12	·01	·45	·03	—	—	·21	·32	—	tr	tr	·43	·01	12
13	—	·01	—	—	—	·20		·07	—	·07	·32	·01	13
14	·03	tr	·07	—	—	·08		·01	·01	·01	tr	·08	14
15	·01	·08	·05	—	·58	·24		·01	—	tr	tr	·43	15
16	·24	—	·02	—	·09	·01	·02	—	—	·05	—	— h.	16
17	tr	·15	·16	—	—	·15		·21	—	—	—	·01	17
18	·09	·16	·03	—	—	tr	·07	·02	—	—	·01	— h	18
19	·05	·63	tr	—	·04	·02	·23	·30	—	—	·01	—	19
20	·19	·13	·01	—	·33	·02	·22	·04	—	·10	·01	—	20
21	·29	tr	·30	—	·39	·01		—	—	·03	·01	·02	21
22	·01	·02	·01	—	·29	·26		·12	—	tr	—	—	22
23	·05	—	·01	—	·02	—	·08	·86	—	·85	·01	—	23
24	·39	·01	tr	—	—	tr	·20	·02	—	·12	tr	·10	24
25	·34	—	—	—	—	·23	·17	·24	—	·01	·10	—	25
26	·05	·09	tr	—	—	·18		·04	—	·52	·06	·26	26
27	—	—	·05	—	tr	·27	·40	tr	—	·44	·01	·19	27
28	—	·04	tr	tr	·06	·04	·09	·34	—	·11	·06	—	28
29	tr	—	·32	·01	—	—	·11	·01	·68	·02	—	—	29
30	·09		·03	tr	·02	—		·01	·12	·14	—	·01	30
31	tr		·14	×	·04	×	·70	·25	×	·02		—	31
Total	2·59	2·51	1·82	·11	2·51	4·05	3·04	4·42	1·49	3·30	1·71	1·51	TOTAL for year 29·36
No. of Rain Days	20	21	2~~3~~2	4	18	22	16	25	10	14	18	18	211

6,000, XI. '07.
EDWARD STANFORD, 12, 13 & 14, Long Acre, W.C.
Waterlow and Sons, Limited, Printers, London Wall, London
Price 2d.

S. made

FORM A.
BRITISH RAINFALL.

3 - JAN 1914

REGISTER OF RAINFALL IN 1913

Kept at Usworth Central Council School

in the County of Durham 3.4 R

by H. W. Walbank

Lat. Long.

Time of Observation 9 a.m.

Nearest Railway Station Usworth

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. — in.

" " " " Sea Level 284 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
1	—	·02	—	·20	—	—	—	—	·03	— tr.	·01	—	1
2	·01	—	—	— tr.	—	·02	—	—	·02	·08	·01	—	2
3	·02	— tr.	— tr.	·01	·01	—	·26	—	·01	—	—	·03	3
4	·22	—	·01	—	·01	·05	·01	·01	—	·14	— tr.	·02	4
5	·42	·01	·01	—	—	·13	·22	·06	·02	·07	—	—	5
6	·01	·06	·26	—	·50	·04	·17	—	—	—	·03	—	6
7	—	·14	—	·02	·03	·02	·01	—	·05	·76	·02	—	7
8	—	—	—	— tr.	·57	—	—	—	—	·14	·09	·02	8
9	—	·10	—	·10	·17	·08	— tr.	·06	—	—	—	—	9
10	—	·01	·12	— tr.	·08	—	·04	—	—	·01	·18	—	10
11	·78	—	—	·40	·01	·02	—	—	—	·02	·03	—	11
12	·69	·01	—	—	— tr.	— tr.	·03	·09	·31	—	·03	—	12
13	— tr.	·01	—	—	—	—	—	·02	·12	·04	·03	—	13
14	·09	·10	—	·03	·08	—	—	—	—	·01	·01	—	14
15	·05	·01	·25	·07	—	—	—	·09	·01	·01	·02	·02	15
16	·08	—	—	·03	—	—	·01	·01	·16	—	·03	—	16
17	·01	·01	·02	·09	—	— tr.	— tr.	— tr.	—	— tr.	— tr.	—	17
18	·04	— tr.	·16	·15	·24	·08	—	—	—	—	·01	—	18
19	·10	—	— tr.	·01	·08	—	—	—	·51	—	—	—	19
20	·45	·05	·04	·01	—	— tr.	—	·04	·14	·01	·16	—	20
21	·05	·01	·01	— tr.	·04	— tr.	·04	·16	—	— tr.	—	—	21
22	·07	—	·62	—	·06	·17	— tr.	·16	·05	·01	·01	—	22
23	·16	—	·02	— tr.	—	·22	·01	·01	·12	— tr.	·04	— tr.	23
24	·13	—	—	·01	—	·23	—	·03	—	—	·03	—	24
25	—	— tr.	—	·01	—	— tr.	—	—	·40	— tr.	—	—	25
26	—	— tr.	·01	·39	—	—	—	—	1·35	·15	·20	·39	26
27	— tr.	·02	·01	·43	—	·11	—	—	—	— tr.	— tr.	—	27
28	·14	—	·20	·76	·04	—	—	·01	—	—	—	·09	28
29	·01	X	·36	·28	·06	—	—	·39	—	— tr.	·02	·42	29
30	·10	X	·01	—	·11	—	—	—	—	·13	—	·02	30
31	·06	X	—	X	·12	X	—	·01	X	—	X	—	31
Total	3·69	·56	2·11	3·00	2·21	1·17	·80	1·15	3·30	1·58	·96	1·01	YEAR'S TOTAL 21·54
Rain Days.	22	14	16	18	17	12	10	15	15	14	19	8	180

W. 7,500, XI. 12

REGISTER OF RAINFALL IN 1914.

FORM A2. BRITISH RAINFALL. 4 JAN 1915

Kept at Usworth Central Council School

in the County of Durham 3

by H.W. Walbank.

RAIN GAUGE: Pattern Ordinary

Diameter of top 5 in.

Height of top above Ground [illegible] ft. — in.

" " " Sea Level 284 ft.

Time of Observation 9 a.m.

Nearest Railway Station: Name Usworth

Distance 1½ m. Direction E.S.E.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	—	·02	—h	—tr	—tr	·18	·05	—	·03	·34	·04	1
2	—	·01	—	—	—	—	·39	·36	—	·01	·16	~~·12~~ ·13	2
3	—	·05	·04	—	·11	—tr	·02	—tr	—	—	·14	·26	3
4	·04	—	·01	·03	·16	·03	—	—	—	—tr	·03	·15	4
5	·03	—h	·11	·04	·07	·01	—	·04	—	—tr	·38	—	5
6	—	—	—	·02	·03	—	·16	·07	—	—	—tr	·04	6
7	—	—h	·01	·02	·08	·20	—	·06	—	—	·02	·03	7
8	·42	·01	·01	—h	·24	·28	—	·14	—	—tr	—	·05	8
9	·39	·06	·14	·13	·01	1·22	—	—	·24	—	·04	·05	9
10	·02	·12	·06	—	—	—	—tr	—	·07	—	╳	·02	10
11	—	·04	·08	—	·06	·14	—	—	·01	—	·23	·20	11
12	·03	·02	·08	—	—	—	—	—	·03	—	·10	·28	12
13	·03	·05	·07	—h	—	—	—tr	—	—	—	·04	·29	13
14	·17	·07	—h	—	—	—	—tr	—	—	·02	·12	·12	14
15	·02	·01	·32	—	—	—tr	·10	—	—	·02	·34	·19	15
16	·05	—	·03	—	—	—	1·86	—	·44	—	·15	—tr	16
17	·05	·02	—	—	—	—	·14	—	·42	·01	·14	·03	17
18	·05	·08	·03	—	—	·12	·01	—	·27	·06	—tr	·01	18
19	·05	·02	—	—	·01	—	·15	—	·20	—	·10	—	19
20	·05	·02	·33	—	—	1·11	·01	—tr	—	—tr	·31	—	20
21	·03	·32	·05	—	—	·44	—	·12	—	·02	·13	·16	21
22	—	—h	·06	—	·10	·07	—	·10	—	·21	—tr	·16	22
23	·01	·01	·11	·03	·26	·26	—	—	—	—	·10	·12	23
24	·04	—	·02	·06	·01	—	—	·04	—	—	·01	—h	24
25	—	·14	—	—	—	—	—tr	·05	—	·35	·01	·15	25
26	—	·01	·11	—	—	—	·08	—tr	—	·09	·01	·08	26
27	·07	—h	·01	—	—	—	—	·07	—	·04	·18	·04	27
28	·02	·01	—h	—	·01	—	—tr	·27	—	—	·01	—h	28
29	·01	╳	·02	—	·02	—	—	·07	—	·41	·04	—	29
30	—	╳	—	·06	—tr	—	—	—tr	—	·13	—	·07	30
31	·02	╳	—h	╳	—	╳	·17	—tr	╳	·24	╳	—h	31
Total	1·60	1·07	1·72	~~·39~~ 39	1·17	3·88	3·27	~~1·3~~ 1·44	~~1·8~~ 1·91	~~1·46~~ 1·56	~~3·26~~ 3·22	2·61	TOTAL for year inches 23·74 189
No. of Rain Days.	21	19	22	8	14	11	12	~~11~~ 13	8	14	24	23	

W. 8,000, X. '11.

5 made

3759

REGISTER OF RAINFALL IN 1915

FORM A. BRITISH RAINFALL.

3 - JAN 1916

Kept at Usworth Central Council School

in the County of Durham

by H. W. Walbank

Lat. ________ Long. ________

Time of Observation 9 a.m.

Nearest Railway Station Usworth

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

„ „ „ „ Sea Level 284 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·10	·06	·07	—tr	·18	—tr	·08	·13	·39	—tr	·08	·19	1
2	—tr	·22	~~·21~~ ·26	·01	—tr	·10	·04	·02	·06	—	·15	·12	2
3	·41	·02	·29	·10	—	—	·26	—	—	—	·27	·85	3
4	·16	·06	—tr	—	·02	·05	·02	·03	—	—	·16	·80	4
5	·03	—	·01	—	·04	—	—	·02	—	·05	·01	·29	5
6	—	·31	·03	·01	—tr	·01	·24	·01	—	·03	—tr	·04	6
7	·17	·27	·06	—	—	—tr	·27	·21	·01	—	—tr	—tr	7
8	·01	·06	·12	—tr	—tr	—	·09	·03	—	—tr	·06	·02	8
9	·02	·01	—tr	—	—	—	—	—	—tr	·01	·01	·50	9
10	·08	—tr	·26	—tr	—	·08	—	·24	—	—	—	·25	10
11	·06	·30	—tr	·01	·56	—	—	—	—	—tr	·08	·12	11
12	·12	·12	·01	·15	·10	—	·19	·01	—	·08	·65	·01	12
13	·02	·06	—tr	—	·02	—	·01	·13	·01	—tr	·11	·03	13
14	·03	·26	—tr	·02	·19	—	·03	·06	—	—	·02	·01	14
15	·07	·11	—	—	—tr	—	·02	·34	—	—	—tr	·09	15
16	·02	·09	—tr	—	—	—	·22	·04	—	·15	·05	—tr	16
17	·02	·05	·05	—	—tr	—	—tr	—	·14	—tr	·01	·03	17
18	·03	·04	—tr	—	—	—	—	—	·15	·06	·06	·13	18
19	—tr	·09	·12	—	—tr	—	—tr	—	·02	·14	—tr	—tr	19
20	·04	—tr	—tr	—	·12	—	—tr	—	—	·03	—	·56	20
21	·07	·03	—tr	·06	·11	—	·01	·01	—	·01	—tr	·06	21
22	·07	·05	·03	—	·05	—	·01	—	—	—tr	—tr	·15	22
23	~~·03~~ ·15	·13	·27	·01	—	—	·04	—	·01	·06	—tr	·13	23
24	—tr	·06	·20	·07	—	—tr	—tr	—	·38	·08	—	·20	24
25	·02	—tr	—	—tr	—tr	·18	·02	—	—	·12	·04	·01	25
26	·05	—tr	—	·02	—	·17	·02	—	·01	—tr	—tr	·16	26
27	·03	·14	·12	—	—	—tr	·27	—	—	·11	—tr	·23	27
28	·02	·10	·10	—	·39	—	·04	·36	—	·12	·03	·03	28
29	·03		—tr	—	·29	—	·01	·02	·50	—tr	·13	·37	29
30	·01		—	·06	—tr	—	·08	—	·06	·01	·01	—tr	30
31	·03		·01		—		·01	·41		·02		·06	31
Total	1·87	2·64	2·01	~~·50~~ ·52	2·07	·59	1·98	2·07	1·74	1·08	1·93	5·44	YEAR'S TOTAL 23·94
Rain Days.	27	23	17	11	12	6	22	17	12	16	18	27	208

W. 8,000. X. 14.

Exc Dl

3692

FORM A.
BRITISH RAINFALL
18 JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Usworth Village

in the County of Durham

by Mr Hy. W. Walbank.

Lat. ……… Long. ………

Time of Observation ………

Nearest Railway Station ………

Diameter of Funnel of Rain Gauge ……… in.

Height of top of Gauge above Ground ……… ft. ……… in.

" " " " Sea Level ……… ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·12	·01	·13	–	tr.	·12	·37	–	–	tr.	·05	tr.	1
2	·02	·01	·03	–	–	·13	tr.	–	·14	·06	tr.	Not taken,	2
3	trace	·02	·29	·16	tr.	·06	·01	·06	·36	·09	·07	·06	3
4	tr.	·17	·07	·01	·57	·17	·29	–	·02	·55	·16	tr.	4
5	·04	·03	·01	tr.	·10	·13	tr.	–	–	·24	·24	–	5
6	tr.	·06	·28	·08	·37	·02	·04	–	–	·09	·16	·01	6
7	tr.	tr.	·02	·02	·25	·49	·11	–	·01	·03	·01	·26	7
8	tr.	·01	·21	–	·05	tr.	·01	–	–	·01	tr.	·01	8
9	tr.	tr.	·04	–	tr.	·03	·02	–	–	–	tr.	·46	9
10	·21	·01	tr.	–	–	·07	·06	–	–	·03	tr.	·36	10
11	·02	·36	·39	·09	·02	·08	·21	–	·03	·03	tr.	·26	11
12	·01 ~~tr.~~	tr.	·30	tr.	·37	·01	·55	·01	–	–	·01	·22	12
13	tr.	tr.	·37	·03	·01	tr.	·14	·13	tr.	·24	·02	·35	13
14	tr.	·09	·08	·02	·06	·03	–	·15	tr.	tr.	tr.	·14	14
15	·01	·31	·37	–	–	tr.	·04	·24	–	tr.	–	tr.	15
16	tr.	·01	·24	·09	–	–	·10	·23	–	·02	–	·16	16
17	·04	tr.	tr.	·05	·03	tr.	·02	·02	·14	·16	·01	tr.	17
18	tr.	·19	·01	·25	–	–	·01	·27	·16	·02	·83	–	18
19	·07	tr.	·09	·31	–	tr.	tr.	·01	·02	tr.	·43	·01	19
20	·05	tr.	·10	·25	–	·02	·71	·09	tr.	–	·10	·14	20
21	·02	·02	·07	·01	·08	tr.	·01	tr.	–	–	·01	tr.	21
22	·01	·17	tr.	·07	–	·06	tr.	·01	tr.	·04	tr.	tr.	22
23	·01	tr.	tr.	–	–	·02	tr.	·14	–	·02	·01	·17	23
24	tr.	tr.	·09	–	–	·33	tr.	·28	–	·08	tr.	·16	24
25	tr.	·13	·14	–	·04	·04	–	·35	–	·13	·28	·06	25
26	·23	·33	·03	–	·06	·02	–	·24	–	·02	·01	tr.	26
27	tr.	·16	·01	–	–	tr.	–	·33	·01	·18	tr.	·02	27
28	tr.	·22	tr.	tr.	·11	·11	tr.	·07	·02	·10	tr.	·21	28
29	tr.	·44	–	tr.	–	–	–	tr.	tr.	·19	tr.	tr.	29
30	tr.	×	–	·01	·02	–	·05	–	·02	·16	tr.	tr.	30
31	tr.	×	–	×	·01	×	·01	·01	×	·05	×	tr.	31
Total	·86	2·75	3·37	1·45	2·15	1·94	2·76	2·64	·93	2·54	2·40	3·06	YEAR'S TOTAL 26·85
Rain Days.	14	20	23	15	16	19	19	18	11	23	16	18	212

W. 8,000, VIII. 16

S. made

REG

FORM A2.

BRITISH RAINFALL
19 JAN 1912

Kept at Smiddy Sha

in the County of Du

by The Weardale & Conse
per R Askwit

in.

round 1 ft. 3 in.

ea Level 1128·41 ft.

ame

istance Direction

DURHAM

WEARDALE W.W.

SMIDDY SHAW

1911 - 1920.

IMPORTANT NOTE.– … he result entered to the previous day. If an Obser… sal rule, he is earnestly requested to add the reading… r in the space provided for it at the end of this p… ent of rain, the selection and placing … ish Rainfall Organization are given in " … plication to Dr. H. R. Mill, 62, Camden

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	–	–	·07	–	–	–	·09	·11	–	–	·12	·02	1
2	·39	–	·01	–	·02	–	·11	–	–	·05	·03	·25	2
3	·06	–	·28	·12	·15	–	·04	–	–	·15	·10	·02	3
4	·06	–	·10	·27	·02	–	–	·39	–	·06	·20	·06	4
5	·10	–	·06	·07	–	–	–	·29	–	·17	·17	–	5
6	·05	–	·18	·08	–	–	–	·10	–	·05	·05	·41	6
7	·01	–	–	·04	·04	–	–	–	–	·02	·26	–	7
8	·03	–	·16	·03	–	·02	·02	–	–	·06	·17	·44	8
9	–	–	–	·02	–	–	–	–	–	·01	–	·31	9
10	·11	–	·07	·08	–	–	–	–	–	–	·13	·75	10
11	·35	–	–	–	–	–	–	·04	·26	–	·10	·22	11
12	·10	–	·16	·02	·09	·09	–	·03	·64	–	·31	·02	12
13	–	–	·17	–	·10	·03	–	–	·04	·02	·06	·40	13
14	–	–	·32	–	·22	–	–	–	–	–	·02	·43	14
15	–	·04	·37	–	–	–	–	–	–	·08	·11	·14	15
16	–	·02	·41	·06	–	·09	·06	–	–	·15	·02	·09	16
17	–	–	·28	–	–	·50	·01	–	–	–	·34	·21	17
18	–	·28	·33	·01	–	·03	–	–	–	–	·38	·25	18
19	–	–	·14	·08	–	·01	–	·13	·05	·14	·86	·12	19
20	–	·01	–	·05	–	–	·14	·18	·19	–	·11	·48	20
21	–	·16	·03	–	–	–	·02	1.41	·08	·17	·12	–	21
22	·54	·04	–	·02	–	·02	–	·09	–	·02	·09	–	22
23	·04	·25	–	–	·01	·86	–	–	·23	–	–	·14	23
24	·02	·03	·06	·02	–	2.17	–	·02	–	·22	–	·11	24
25	–	·02	·02	–	–	·20	–	–	·11	·23	·07	·53	25
26	–	·14	–	·11	·03	–	–	·04	·02	1.11	·80	–	26
27	–	·05	·05	·14	–	–	–	·10	·11	·08	·35	·04	27
28	–	·03	–	·16	–	–	–	·04	·08	·03	–	·13	28
29	–		·05	·03	–	·03	·08	–	·54	·26	–	·03	29
30	–		·06	–	·16	–	–	–	·14	·44	·04	–	30
31	–		·01		·09		–	–		·08		–	31
Total	1.86	1.07	3.39	1.41	·93	4.05	·57	2.97	2.49	3.54	5.01	5.10	TOTAL for year 32·39
No. of Rain Days.	13	12	23	19	11	12	9	14	13	22	25	24	197

W. 8,000, X. '11.

S. made ✓

REG

FORM A2.

BRITISH RAINFALL 19 JAN 1917

Kept at Smiddy Shaw Reservoir

in the County of Durham 3

by The Weardale & Consett Water Coy;
per R Askwith Esqre

Rain Gauge
Pattern
Diameter of top 8 in.
Height of top above Ground 1 ft. 3 in.
„ „ „ Sea Level 1128·41 ft.

Time of Observation

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	–	–	·07	–	–	–	·09	·11	–	–	·12	·02	1
2	·39	–	·01	–	·02	–	·11	–	–	·05	·03	·25	2
3	·06	–	·28	·12	·15	–	·04	–	–	·15	·10	·02	3
4	·06	–	·10	·27	·02	–	–	·39	–	·06	·20	·06	4
5	·10	–	·06	·07	–	–	–	·29	–	·17	·17	–	5
6	·05	–	·18	·08	–	–	–	·10	–	·05	·05	·41	6
7	·01	–	–	·04	·04	–	–	–	–	·02	·26	–	7
8	·03	–	·16	·03	–	·02	·02	–	–	·06	·17	·44	8
9	–	–	–	·02	–	–	–	–	–	·01	–	·31	9
10	·11	–	·07	·08	–	–	–	–	–	–	·13	·75	10
11	·35	–	–	–	–	–	–	·04	·26	–	·10	·22	11
12	·10	–	·16	·02	·09	·09	–	·03	·64	–	·31	·02	12
13	–	–	·17	–	·10	·03	–	–	·04	·02	·06	·40	13
14	–	–	·32	–	·22	–	–	–	–	–	·02	·43	14
15	–	·04	·37	–	–	–	–	–	–	·08	·11	·14	15
16	–	·02	·41	·06	–	·09	·06	–	–	·15	·02	·09	16
17	–	–	·28	–	–	·50	·01	–	–	–	·34	·21	17
18	–	·25	·33	·01	–	·03	–	–	–	–	·38	·25	18
19	–	–	·14	·08	–	·01	–	·13	·05	·14	·86	·12	19
20	–	·01	–	·05	–	–	·14	·18	·19	–	·11	·48	20
21	–	·16	·03	–	–	–	·02	1.41	·08	·17	·12	–	21
22	·54	·04	–	·02	–	·02	–	·09	–	·02	·09	–	22
23	·04	·25	–	–	·01	·86	–	–	·23	–	–	·14	23
24	·02	·03	·06	·02	–	2.17	–	·02	–	·22	–	·11	24
25	–	·02	·02	–	–	·20	–	–	·11	·23	·07	·03	25
26	–	·14	–	·11	·03	–	–	·04	·02	1.11	·80	–	26
27	–	·05	·05	·14	–	–	–	·10	·11	·08	·35	·04	27
28	–	·03	–	·16	–	–	–	·04	·08	·03	–	·13	28
29	–		·05	·03	–	·03	·08	–	·54	·26	–	·03	29
30	–		·06	–	·16	–	–	–	·14	·44	·04	–	30
31	–		·01		·09		–	–		·08		–	31
Total	1.86	1.07	3.39	1.41	·93	4.05	·57	2.97	2.49	3.54	5.01	5.10	TOTAL for year 32·39
No. of Rain Days.	13	12	23	19	11	12	9	14	13	22	25	24	197

W. 8,000, X. '11.

REGISTER OF RAINFALL IN 1912

FORM A2. BRITISH RAINFALL.

21 JAN 1913

Kept at Smiddy Shaw Reservoir

in the County of Durham 3

by Weardale & Consett Water Coy; per R Askwith Esqre

RAIN GAUGE
Pattern
Diameter of top 8 in.
Height of top above Ground 1 ft. 3 in.
" " " Sea Level 1128.41 ft.

Time of Observation

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	·16	·23	–	·04	·28	·14	·43	·04	·29	–	·11	1
2	–	·09	·26	–	·05	·60	·61	·23	–	·03	·01	–	2
3	·08	·16	·02	–	–	·79	·08	·51	·40	·05	–	·22	3
4	·11	–	·43	·09	·02	·56	–	·93	·03	–	·03	·02	4
5	–	–	–	·02	·09	·38	–	·03	–	·01	·02	–	5
6	·76	·23	–	–	·02	·17	–	·31	–	–	–	·01	6
7	–	·07	·03	·03	·12	–	·01	1.17	·36	–	·08	·04	7
8	·76	·10	·12	·14	–	·03	–	–	·37	–	·07	–	8
9	·03	·04	·09	·03	–	·06	–	–	–	–	·02	·02	9
10	·03	·03	·06	·02	–	·22	–	·62	·02	–	·07	·02	10
11	·03	·29	–	–	·04	·02	·08	·07	·18	–	·15	·07	11
12	·06	·52	·02	–	–	·12	·46	–	–	–	·20	·24	12
13	·03	·04	–	–	–	·12	–	·03	–	·09	·17	·48	13
14	·08	–	–	–	–	·15	–	·02	–	·04	–	·23	14
15	·18	·03	·03	–	·59	·19	–	–	–	·03	–	·56	15
16	·95	–	·05	–	·05	·05	·08	·01	–	·03	–	–	16
17	·09	·11	·36	–	·02	·35	·06	·29	–	–	–	·15	17
18	·10	·33	·02	–	–	–	·05	–	–	·05	·02	·01	18
19	·08	·60	·06	–	·08	–	·38	·34	–	·03	·04	–	19
20	·11	·05	·02	–	1.35	·05	·19	·01	–	·15	·02	·01	20
21	·10	·02	·39	–	·42	·04	·02	–	–	·04	–	·11	21
22	–	·06	·04	–	·22	·16	–	·05	–	–	–	–	22
23	·07	–	·05	–	·02	–	·18	·90	–	·15	·01	·07	23
24	·47	–	–	–	·03	–	·73	·18	–	·04	·11	·26	24
25	·36	–	–	–	–	1.12	·06	·45	–	–	·37	·01	25
26	·08	·26	·03	–	–	·01	–	·22	–	·90	·29	·49	26
27	–	·03	·01	–	·04	·31	·51	·02	–	·19	·14	·32	27
28	–	·05	·04	–	–	·04	·52	·31	–	·21	·08	–	28
29	·02	·08	·65	–	–	·26	·09	·11	·63	·14	–	·12	29
30	·06		·16	–	·02	·05	·01	·03	·90	·23	–	–	30
31	–		·32		·03		·99	·21		·11		·08	31
Total	4.64	3.35	3.49	·33	3.25	6.13	5.25	7.48	2.93	2.81	1.90	3.65	TOTAL for year 45.21
No. of Rain Days	23	22	24	6	19	25	20	25	9	20	19	23	235

R Askwith

[illegible] [illegible]

FORM A2.
BRITISH RAINFALL.
-3 FEB 1914

REGISTER OF RAINFALL IN 1913

Kept at Smiddy Shaw Reservoir

in the County of Durham

3

by The Weardale & Consett Water Coy
per R Askwith Esqre

Rain Gauge
Pattern
Diameter of top 8 in.
Height of top above Ground 1 ft. 3 in.
" " " Sea Level 1128·41 ft.

Time of Observation

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	·05	·08	—	—	—	—	·15	·41	·05	·01	1
2	—	—	·25	·03	—	—	—	—	·03	·10	·04	·05	2
3	·05	·24	·06	—	·40	—	·42	—	·08	·06	—	·24	3
4	·25	·07	·04	—	·02	·14	·09	—	·22	·12	·01	·04	4
5	·63	·11	·17	—	—	·16	·09	·01	·06	·21	—	—	5
6	—	·29	·57	·01	·58	·06	·92	—	—	·02	·05	—	6
7	—	·39	·04	·07	·08	·04	·02	—	—	1·77	—	—	7
8	·02	·02	—	—	·83	·03	—	—	—	1·13	·31	—	8
9	·03	·07	·12	·04	·32	·34	—	·05	—	—	·01	·02	9
10	—	·02	·15	·14	·10	·01	·06	—	—	·09	·10	—	10
11	drifted snow ·64	—	·03	·44	—	·06	—	—	—	—	·07	—	11
12	·27	—	—	—	·03	·02	—	—	·95	—	·06	—	12
13	—	—	·03	—	—	—	—	·02	·20	—	·07	—	13
14	—	·04	·10	·08	—	—	·04	·02	—	·07	·13	—	14
15	·14	·03	snow ·47	·19	—	—	·05	·03	·24	—	·14	·04	15
16	—	—	·02	·14	—	—	·02	·05	·05	—	·04	—	16
17	—	·04	·10	·09	—	—	—	·02	—	—	·03	—	17
18	·05	—	·38	·32	·05	·09	·01	—	—	—	·10	—	18
19	·19	—	·11	·03	·02	—	—	—	·06	·03	·02	—	19
20	·71	·04	·18	·03	—	—	—	·02	·43	·14	·01	—	20
21	·16	·03	·08	·01	—	—	·02	·17	—	—	·01	—	21
22	·04	—	1·20	—	—	—	—	·09	·04	·03	—	—	22
23	·14	—	·08	—	—	·06	·09	·06	·10	·01	·04	·01	23
24	·25	—	—	·12	—	·27	·01	·11	—	—	·02	—	24
25	—	—	—	·04	—	—	—	—	·26	—	—	·10	25
26	—	—	·02	·48	—	—	—	—	·90	·01	·10	snow ·41	26
27	—	·06	·07	·83	·09	·05	—	—	—	·22	—	·08	27
28	·40	—	·38	·33	·02	—	—	—	—	·01	—	—	28
29	·04		·65	·32	·04	—	—	·85	—	·01	·07	—	29
30	·23		·05	—	·07	—	—	·02	—	·15	·01	—	30
31	snow ·14		—		—		—	·02		·01		·12	31
Total	4.38	1.45	5.40	3.82	2.65	1.33	1.84	1.54	3.77	4.60	1.49	1.12	TOTAL for year 33.39
No. of Rain Days	19	14	26	21	14	13	13	15	15	20	23	11	204

9,000, IX. '10.

R Askwith

exLMC

REGISTER OF RAINFALL IN 1914

FORM A2. BRITISH RAINFALL.

6 FEB 1915

Kept at Smiddy Shaw Reservoir

in the County of Durham 3

by Weardale & Consett Water Coy
Per R Askwith Esqre

RAIN GAUGE
Pattern
Diameter of top 8 in.
Height of top above Ground 1 ft. 3 in.
" " " Sea Level 1128·41 ft.

Time of Observation

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	·07	·02	–	–	·05	·07	·15	–	–	·10	·32	1
2	–	–	–	·06	–	–	·43	·47	–	–	·62	·21	2
3	·03	·05	·04	–	·06	–	–	·05	–	–	·10	·61	3
4	·48	–	·02	·04	·19	·09	–	–	–	–	·07	·59	4
5	·02	–	·10	·32	·08	·05	–	–	–	–	·55	–	5
6	–	–	·02	·38	·11	–	–	·03	–	–	–	·24	6
7	–	·04	·08	·02	·15	·20	–	·02	–	–	·01	·11	7
8	·07	·03	snow ·17	·08	·19	·91	·07	·21	–	–	–	·24	8
9	·39	·07	–	·11	·01	2·20	–	–	·12	–	·16	·05	9
10	·05	·15	·01	–	·02	–	–	–	–	–	·45	·01	10
11	–	·03	·15	–	·12	·14	–	–	·02	–	·33	·88	11
12	·02	·25	snow ·02	–	–	·04	·04	–	·06	–	·21	1.32	12
13	·02	·10	·29	·02	–	–	–	–	–	·03	·20	·94	13
14	·14	·27	–	–	–	–	·03	–	·02	·03	·10	·38	14
15	·02	·16	·11	–	–	–	·04	–	·02	–	snow ·80	·02	15
16	·14	–	·05	–	–	–	·57	–	·42	–	·07	·02	16
17	·16	·05	·06	–	–	–	·02	–	1·02	–	–	·14	17
18	·02	·02	·08	–	–	·19	–	–	·08	·11	–	–	18
19	·02	–	–	–	–	–	·05	–	·02	–	·10	–	19
20	·01	·13	·10	–	–	–	–	–	–	–	–	–	20
21	–	·48	·06	–	–	·06	–	·14	–	·11	·30	·07	21
22	–	·10	–	–	·22	·03	–	·06	–	·08	·10	snow ·12	22
23	–	·03	·05	·02	·30	·02	–	–	–	–	–	snow ·11	23
24	·01	–	·06	·04	·04	–	–	–	–	–	·04	–	24
25	·04	–	·10	–	–	–	–	·03	–	·40	–	·08	25
26	–	–	·14	–	–	–	·03	·05	–	·07	·07	snow ·15	26
27	·01	–	–	–	–	–	–	–	–	·02	·11	·07	27
28	·01	·08	·07	–	–	–	–	·14	–	·01	·19	–	28
29	·03		·07	–	·01	–	–	·35	–	·83	·22	·03	29
30	·01		·02	·11	–	–	–	·06	–	·36	·22	·22	30
31	·14		–		–		·32	–		·50		–	31
Total	1.84	2.11	1.89	1.20	1.50	3.98	1.67	1.76	1.78	2.55	5.12	6.93	TOTAL for year 32.33
No. of Rain Days	22	18	24	11	13	12	11	13	9	12	23	24	192

9,000, IX. '10.

3755

12 FEB 1916

Register of Rainfall in 1915.

Kept at Smiddy Shaw Reservoir
in the County of Durham.
by Weardale & Consett Water Cy.
per R. Askwith Esq:

Diameter of Funnel of Rain Gauge. 8"
Height of top of Gauge above Ground. 1' 3"
" " " " Sea Level. 1128.41 feet

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·27	snow ·11	snow ·02	–	·21	–	·14	·24	·25	–	·07	·14	1
2	·01	·18	snow 43	·10	–	·02	·02	·02	·15	–	·02	·04	2
3	snow ·44	·03	–	·09	–	–	·28	·04	–	–	·30	snow ·98	3
4	·15	·05	–	–	·02	·01	·01	·39	–	–	·03	snow 1·02	4
5	·05	·20	·05	–	–	–	–	·04	–	–	·03	~~snow~~ ·41	5
6	–	·69	·18	·07	·02	·01	·35	·06	–	·05	–	snow ·15	6
7	·14	snow ·63	·04	·17	·01	–	·95	·24	–	–	–	·09	7
8	·04	snow ·38	snow ·08	·04	·01	–	·24	·03	–	–	·11	–	8
9	·03	·01	–	–	–	–	–	·22	–	·01	·10	·61	9
10	·26	–	·04	·02	–	·11	–	·01	–	–	–	snow ·41	10
11	·09	·23	–	–	1·11	–	·07	–	–	–	·20	·09	11
12	·09	snow ·04	–	·02	·04	–	·19	–	–	·04	snow ·90	–	12
13	·02	·14	–	–	–	–	·04	·33	·09	–	–	–	13
14	·11	·04	–	·04	·03	–	–	·02	–	–	–	·02	14
15	·33	snow ·02	–	–	–	–	·06	·89	–	–	·15	·22	15
16	–	snow ·16	·05	–	–	–	·36	·49	–	·06	–	–	16
17	–	·17	–	–	–	–	–	–	·16	–	–	·02	17
18	–	·04	snow ·24	–	–	–	–	·04	·17	·10	·07	·08	18
19	–	·06	·03	·03	–	–	·14	–	·03	·11	–	–	19
20	–	–	·02	–	·02	–	·02	–	·01	·06	–	·48	20
21	·13	·06	–	·07	–	–	–	–	–	·01	–	·08	21
22	snow ·02	–	·08	–	–	–	·05	–	–	·01	–	·15	22
23	·06	·15	·21	·05	–	–	·05	–	–	·10	–	·13	23
24	–	–	snow ·47	·10	–	·04	–	–	·63	·18	–	·30	24
25	–	–	–	–	–	·02	–	–	–	·14	·01	–	25
26	·01	·04	·08	·03	–	·22	·05	–	·02	–	·02	·21	26
27	·01	·14	–	–	–	–	·14	–	–	·18	–	·43	27
28	–	snow ·24	·04	–	·25	–	·10	·64	–	·03	–	·08	28
29	·02		–	–	·38	·05	–	·03	·11	–	·08	·65	29
30	·04		–	·04	·02	·36	·01	·01	·01	–	–	·03	30
31	snow ·03		–		–		–	·34		·05		·29	31
Total	2.35	3.81	2.06	·87	2.12	·84	3.27	4.11	1.63	1.13	2.09	7.41	years Total 31.69
Rain Days.	22	23	16	14	12	9	20	19	11	15	14	25	200

Exd C J E

3689

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.

Kept at Smiddy Shaw Reservoir

in the County of Durham

by Weardale & Consett Water Company
per R. Ashwith Esq.

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 3 in.
" " " " Sea Level 1128·41 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·40	-	snow ·34	-	-	·32	·31	-	-	-	·16	-	1
2	·08	07	snow ·15	-	-	·11	-	-	·19	·06	-	-	2
3	-	·15	snow ·08	·12	-	·02	·66	·05	1·13	·10	28	-	3
4	·16	·04	-	-	·78	·16	·71	-	·06	·42	·25	-	4
5	-	·26	·12	-	1·32	·09	-	-	-	·39	·37	-	5
6	·23	·23	snow ·25	·05	·65	·03	·13	-	-	·04	·18	·02	6
7	·02	09	snow ·25	snow ·02	·54	·23	·57	-	-	·12	·04	·23	7
8	-	-	snow ·28	-	·06	-	-	-	-	-	·02	-	8
9	·02	-	snow ·07	-	·26	·32	-	-	-	-	·09	·68	9
10	·06	-	snow ·08	·04	-	·28	·05	-	-	·30	·05	·43	10
11	-	·43	snow ·75	·13	-	·15	·10	-	·01	·03	-	snow ·10	11
12	·06	snow ·18	snow ·38	·09	·32	·10	·37	-	-	04	-	snow ·23	12
13	-	-	snow 43	-	-	·04	·18	26	·05	·27	·05	snow ·07	13
14	·02	snow ·25	·10	·05	·07	03	-	·11	-	·10	·02	snow ·40	14
15	·06	snow 49	snow ·84	-	-	-	-	·62	-	·02	-	-	15
16	-	snow 06	·45	·13	-	-	·10	·18	-	·02	-	snow ·25	16
17	05	-	-	·10	·06	-	·09	·29	·06	·14	·02	-	17
18	·03	·35	·05	·37	-	·02	-	·36	·52	·01	1·06	snow ·12	18
19	·30	·04	·19	·57	-	-	-	·04	·06	-	snow ·80	snow ·09	19
20	·07	-	·27	·29	-	-	·96	·06	-	-	snow ·26	snow ·38	20
21	·20	-	·19	·05	-	-	·03	·09	-	-	-	-	21
22	·02	·17	snow ·05	·03	-	·02	-	-	-	·09	-	-	22
23	·07	snow ·01	snow ·17	-	-	-	-	-	-	·07	·06	snow ·19	23
24	-	snow ·01	snow ·02	·01	-	·29	-	·22	-	·02	·13	·03	24
25	·09	snow ·15	snow ·36	-	·06	·04	-	·31	·02	·20	·28	-	25
26	·21	snow ·39	snow ·10	-	-	·04	-	·29	·02	·03	-	-	26
27	-	snow ·47	snow ·09	-	-	-	-	·22	·06	·50	-	-	27
28	·04	snow ·33	snow ·03	-	·62	-	-	·03	·05	·31	·03	·47	28
29	-	snow ·83	-	·02	-	-	-	-	-	·25	·01	-	29
30	-	X	-	·01	·20	-	·02	·09	-	·33	-	·05	30
31	-	X	-	X	·02	X	-	-	X	·13	X	·01	31
Total	2·49 ✓	5·00 ✓	6·09 ✓	2·08 ✓	4·96 ✓	2·29 ✓	4·28 ✓	3·22 ✓	2·23 ✓	3·99 ✓	4·16 ✓	3·75 ✓	YEAR'S TOTAL 44·54 ✓
Rain Days.	20 ✓	21 ✓	26 ✓	14 ✓	13 ✓	18 ✓	14 ✓	16 ✓	12 ✓	25 ✓	20 ✓	14 ✓	219 ✓

W. 8,000, VIII. 16

Ra

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3538

FORM A.
BRITISH RAINFALL.

25. JAN 1918

REGISTER OF RAINFALL IN 1917

Kept at Smiddy Shaw Reservoir.

in the County of Durham

by Weardale and Consett Water Company
per R. Askwith Esq.

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge 8" in.
Height of top of Gauge above Ground 1 ft. 3 in.
" " " " Sea Level 1128·41 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	-	-	snow ·03	-	·02	-	·68	·68	-	-	·11	1
2	·11	-	-	snow ·44	-	-	-	·15	-	-	·23	-	2
3	·03	-	-	snow ·23	-	·05	·04	·02	-	·11	·07	-	3
4	-	·06	·16	snow ·02	-	-	-	-	-	-	·04	·04	4
5	·03	snow ·08	snow ·48	snow ·30	-	-	-	·02	·01	·04	-	-	5
6	-	-	snow ·05	-	-	·01	-	-	·02	snow ·13	·08	·03	6
7	·59	-	snow ·14	-	-	·37	-	·10	-	·20	·11	·10	7
8	snow ·70	-	snow ·07	·13	-	·02	-	1·39	·02	·39	-	·20	8
9	snow ·29	-	-	snow ·03	-	-	-	·31	·02	·08	·23	snow ·14	9
10	snow ·34	-	·72	snow ·37	·27	-	-	·09	·03	·15	·10	-	10
11	-	·08	-	snow ·12	·09	-	-	·13	-	·04	-	-	11
12	·04	snow ·04	-	snow ·02	·21	-	-	·05	-	-	·02	·04	12
13	snow ·34	-	-	snow ·16	·13	·53	-	·80	·15	·14	-	·03	13
14	snow ·75	-	-	snow ·18	·61	-	·03	·05	-	-	-	·25	14
15	snow ·67	-	-	·02	·15	-	·02	·13	·02	-	-	snow ·23	15
16	snow ·11	·01	-	snow ·18	-	-	-	·19	·03	-	-	snow ·85	16
17	snow ·21	-	-	snow ·21	·09	-	-	1·11	·04	·03	-	snow ·87	17
18	snow ·09	-	-	snow ·04	·19	-	·31	·15	·06	-	-	-	18
19	snow ·41	·19	·22	-	·20	·02	-	-	-	-	-	·02	19
20	snow ·45	snow ·24	snow ·07	·06	-	·64	-	·32	·04	-	·03	·35	20
21	snow ·06	·18	snow ·02	·04	-	-	-	·11	·02	·10	·05	-	21
22	-	-	snow ·07	-	-	·18	-	·03	·02	·02	-	-	22
23	·06	·08	-	-	·06	·16	-	·12	-	·01	-	-	23
24	snow ·68	·02	-	·03	-	-	·05	·07	-	·58	·14	-	24
25	snow ·12	·02	·06	-	-	-	·54	-	·02	·12	snow ·65	-	25
26	snow ·26	-	snow ·02	-	-	·54	·01	·74	·10	·16	snow ·02	-	26
27	snow ·14	-	snow ·01	-	-	·25	·50	·75	-	snow ·16	·02	·03	27
28	snow ·26	-	·15	-	-	-	-	·60	·01	snow ·04	-	snow ·06	28
29	snow ·06		·02	-	-	-	·03	·09	-	·29	·08	·02	29
30	snow ·10	X	-	-	-	-	-	-	-	·37	·08	·10	30
31	snow ·12	X	·23	X	-	X	·04	-	X	-	X	·28	31
Total	7·02	1·00	2·49	2·61	2·00	2·79	1·57	8·20	1·29	3·16	1·95	3·75	YEAR'S TOTAL 37·83
Rain Days.	26	11	16	19	10	12	10	25	17	20	16	19	201

W. 8,000, IX. 17.

40

FORM A.
BRITISH RAINFALL.

5. 3. 19

REGISTER OF RAINFALL IN 1918

Kept at Smiddy Shaw Reservoir

in the County of Durham

by Weardale Consett Water Company
Bishop Auckland

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 3 in.

" " " " Sea Level 1128·41 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·08	·04	snow ·17	·15	snow ·03	—	—	—	·18	·05	·39	·02	1
2	—	—	snow ·01	·05	—	—	—	—	·08	·01	·02	·22	2
3	·01	·02	snow ·05	—	·02	—	—	·02	—	·04	·04	—	3
4	—	·03	snow ·11	—	·21	—	—	·32	·02	·14	·41	·03	4
5	—	·04	·32	·02	·68	—	·02	·06	—	·15	·02	·06	5
6	·06	·36	·02	·25	·04	·16	—	·21	·03	·36	—	·03	6
7	·03	·04	—	·11	—	—	—	—	·34	·23	·41	—	7
8	—	·26	·24	—	—	—	·07	·19	·21	·02	·11	—	8
9	·02	·41	—	·11	—	—	·02	—	·43	·17	·04	—	9
10	·04	·40	·06	·09	—	—	·02	—	·04	·12	·09	·03	10
11	snow ·17	·11	·02	·04	·32	—	·04	·06	—	—	—	·06	11
12	—	·18	·01	·15	—	—	·14	—	·20	·05	—	·04	12
13	—	·05	—	·32	·15	·02	—	—	·06	·18	—	·02	13
14	snow ·04	—	·02	·02	—	·02	·18	·02	·56	·02	—	—	14
15	—	—	·01	snow ·02	—	·09	·44	—	1·64	—	—	·69	15
16	·03	—	snow ·06	—	—	·07	·63	·05	·86	—	—	·16	16
17	snow ·22	—	—	·03	·08	·04	·47	—	·13	·61	—	·16	17
18	snow 1·04	—	·06	—	—	·01	·16	—	·09	·18	—	·08	18
19	snow ·39	·05	·06	·12	—	—	·40	·08	·04	·69	—	—	19
20	·47	·34	—	snow ·23	·02	·05	·25	—	·05	·18	—	—	20
21	·30	·26	—	snow ·04	—	—	—	—	·23	·09	—	—	21
22	·04	·01	—	snow ·02	·08	·11	·07	—	·06	—	—	snow ·62	22
23	·05	—	—	·02	·17	—	·16	—	·05	—	·04	·01	23
24	—	·02	·02	·01	—	—	·01	·08	·12	—	·03	—	24
25	—	—	—	—	·18	·04	·09	·61	·12	—	—	·06	25
26	—	·09	—	—	·02	—	·25	·02	·22	—	·03	—	26
27	—	·11	·05	—	·04	·01	·02	·46	·54	—	·03	·11	27
28	—	·31	·24	—	—	—	—	·04	·06	—	—	·35	28
29	—		·02	—	—	—	—	—	·11	—	—	·45	29
30	—	X	snow ·10	·01	—	—	—	—	·19	·04	—	·22	30
31	—	X	·38	X	—	X	—	·03	X	—	X	·06	31
Total	2·99	3·13	2·03	1·81	2·04	·62	3·44	2·25	6·66	3·33	1·66	3·48	YEAR'S TOTAL 33·44
Rain Days.	16	20	21	20	14	11	19	15	27	19	13	21	216

W. 6,500, VII. 18. W W C

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3365

30 JAN 20

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1919.

Kept at Smiddy Shaw Reservoir

in the County of Durham

by Weardale & Consett Water Co

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft 3 in.
" " " " Sea Level 1128.41 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·42	·04	—	·01	·08	—	·43	—	·17	·05	·07	·04	1
2	·10	—	·07	—	·02	—	·60	—	·08	—	·17	—	2
3	·28	—	—	·03	·04	·09	·19	—	—	—	·25	·05	3
4	·55	·15	·19	—	·06	—	—	·09	·03	·02	·21	·06	4
5	snow ·31	snow ·12	—	—	·01	·02	·03	—	·01	—	snow ·18	·10	5
6	·04	—	·07	—	·58	—	·02	—	—	·08	snow ·17	·05	6
7	·09	·02	snow ·55	·04	·09	—	—	—	—	—	snow ·03	—	7
8	·14	—	—	·09	·29	·03	—	·10	—	·02	·54	·10	8
9	·26	—	·06	·03	·01	·02	—	—	—	—	snow ·34	—	9
10	·02	—	·20	·04	·12	·02	—	—	—	·06	snow ·19	·15	10
11	·02	—	·34	—	·06	—	—	—	·17	—	snow ·03	·02	11
12	—	—	snow ·68	·03	—	·02	·14	—	·41	·29	snow ·25	—	12
13	·05	—	snow ·08	·04	—	·03	·14	·08	—	snow ·30	snow ·03	·04	13
14	·10	·02	snow ·07	·23	·01	—	—	·03	—	—	snow ·31	·07	14
15	·36	·24	snow ·12	·31	—	—	·02	·16	—	—	snow ·06	·52	15
16	snow ·22	snow ·10	—	·01	·03	—	—	—	—	—	snow ·08	—	16
17	—	snow ·13	—	·01	·02	—	—	·05	—	—	snow ·21	—	17
18	—	—	·21	—	—	—	·03	·06	·03	—	·04	·15	18
19	·07	·70	snow ·90	·09	—	·12	·03	·20	·12	—	·42	·03	19
20	snow ·33	snow ·30	snow ·21	—	—	—	·12	·05	—	—	—	·12	20
21	·10	·16	snow ·08	—	—	·08	—	·05	—	—	—	·16	21
22	—	·21	snow ·12	—	—	·03	·05	·01	·04	—	·02	·04	22
23	·03	—	snow ·04	·09	·03	·02	·03	·04	—	1·30	·14	·08	23
24	·02	—	snow ·05	·03	·02	·22	—	—	·06	·49	·45	·05	24
25	·13	·17	—	·05	·01	·03	—	·81	·07	—	·08	snow ·04	25
26	—	snow ·24	·25	·04	—	·02	—	·39	·21	·02	snow ·37	snow ·64	26
27	·02	snow ·03	—	snow ·34	—	—	·02	—	·02	·31	snow ·27	·09	27
28	snow ·09	—	·02	snow ·15	—	—	—	·94	—	snow ·52	snow ·15	snow ·26	28
29	snow ·34		snow ·02	snow ·07	—	·02	—	—	·01	snow 1·13	—	·02	29
30	snow ·04	×	snow ·14	·03	—	·24	—	—	—	·47	·15	·56	30
31	·16	×	snow ·03	×	—	×	·12	—	×	·17	×	·34	31
Total	4·29	2·63	4·50	1·76	1·48	1·01	1·97	3·06	1·43	5·23	5·21	3·78	Year's Total 36.35
Days with ·01 in. or more	26	15	23	21	17	16	15	15	14	15	27	25	229

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

3244

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

26 JAN 1921

REGISTER OF RAINFALL IN 1920.

Kept at Smiddy Shaw Reservoir
in the County of Durham
by Durham County Water Board

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 3 in.
" " " " Sea Level 1128·41 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	·25	·08	·56	·71	–	·13	–	·02	·10	–	–	1
2	–	·02	·10	·25	·13	–	·09	·02	·15	·23	–	·23	2
3	·04 snow	·10	–	·33	·03	·14	·90	·03	·04	·26	–	·26	3
4	·07	–	–	·10	·02	–	·18	·45	·04	·81	·04	·45	4
5	–	–	·05	·05	·01	–	·10	·18	·09	·15	–	·06	5
6	–	–	·12 snow	–	·07	–	·10	–	–	·02	–	·10	6
7	·08	–	·08	–	·03	–	·14	–	–	–	–	·04	7
8	·08 snow	–	–	·06 snow	·17	–	·34	·01	–	·02	·04	–	8
9	·11 snow	·39	·04 snow	·42 snow	–	–	·07	·02	·05	·02	·02	–	9
10	·85 snow	·57	·02	·40	–	–	·15	·23	–	–	–	–	10
11	·35 snow	·03 snow	·03 snow	·20	·31	·08	–	·01	–	–	–	·30 snow	11
12	·20	·03	·18 snow	·38	·14	–	·15	–	–	–	·07	·75 snow	12
13	·26	·08	·08 snow	·16	·03	–	·03	–	–	–	·31	·17 snow	13
14	·02	·04	·25 snow	·12	–	–	·13	–	·02	·55	·55	·07 snow	14
15	–	·18	·35 snow	·29	–	–	·04	–	–	·28	·07	·05	15
16	·05	·02	·02 snow	–	·03	–	·35	–	·28	–	·20	–	16
17	·12	–	·12	–	·14	–	·05	·25	·13	·07	–	–	17
18	·29 snow	·06	·05	·03	·16	·19	·05	·24	·13	–	–	–	18
19	·03 snow	·64 snow	–	·22	·09	·04	–	·22	–	–	–	–	19
20	·04	·10	–	·03	–	–	·02	–	·51	–	·02	·02	20
21	·05	–	–	·22	–	–	·10	·31	·16	–	–	·06	21
22	·07	–	·02	·11	–	·03	·07	–	–	–	–	–	22
23	·03	–	–	–	–	–	·16	–	–	–	·02	·23 snow	23
24	–	–	·72	–	–	·02	·15	·04	–	–	·02	·06	24
25	·02	·02	·14	·03	–	–	·64	·13	–	–	·02	–	25
26	–	·07	·81	·09	–	–	·10	–	–	·03	·02	·03	26
27	·15 snow	–	·24	·19 snow	·55	·57	·05	–	–	–	·19	·04	27
28	·25 snow	·02	·32	·05	–	·07	·05	–	–	–	·13	·26	28
29	·46 snow	–	·10	·02	1·45	–	·03	–	·02	–	·07	·93	29
30	·06 snow		·02	–	·13	–	–	–	·13	–	·07	·16	30
31	·08		·02		·02		–	–		·14		·07	31
Total	3·76	2·62	3·96	4·31	4·22	1·14	4·37	2·14	1·77	2·68	1·86	4·34	YEAR'S TOTAL 37·17
Days with ·01 in. or more	24	17	24	23	19	8	27	14	14	13	17	21	221
Days with ·04 in. or more	20	11	18	19	12	6	24	9	11	9	11	19	169

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

S. made

REG 9 11

FORM A2.
BRITISH RAINFALL.
19 JAN 1912

DURHAM
WEARDALE W.W.
TUNSTALL RES.
1911 - 1920

Kept at Tunstall Re
op 4 in.
above Ground 1 ft. 2 in.
in the County of Dur
„ Sea Level 724.44 ft.
by The Weardale
per R Askwith
on { Name
Distance Direction

IMPORTANT NOTE. and the result entered to the previous day. If an Observ universal rule, he is earnestly requested to add the reading g year in the space provided for it at the end of this pa urement of rain, the selection and placing o British Rainfall Organization are given in " on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	–	–	·11	–	·15	–	·05	·06	–	–	–	·02	1
2	·62	–	·02	–	·05	–	·10	–	–	·05	–	·15	2
3	·04	–	·18	·08	·28	–	·02	–	–	·03	·09	–	3
4	·07	–	·20	·27	·06	–	–	·43	–	·25	·19	·10	4
5	·03	–	·14	·10	–	–	–	·75	–	·12	·14	–	5
6	·22	–	·25	·04	–	–	–	·10	–	·02	–	·32	6
7	–	–	–	·03	–	–	–	–	–	–	·16	–	7
8	·03	–	·15	·03	–	–	–	–	–	–	·21	·19	8
9	–	–	–	·04	–	–	–	–	–	–	–	·20	9
10	–	–	·08	·06	–	–	–	–	–	–	–	·62	10
11	·60	–	–	–	–	–	–	–	·60	–	·17	·20	11
12	·30	–	·05	–	–	–	–	–	·70	–	·19	·04	12
13	–	–	·44	–	·22	·04	–	–	·03	–	·09	·44	13
14	–	–	·18	–	·19	–	–	–	–	–	–	·45	14
15	–	·08	·28	–	–	–	–	–	–	–	·08	·20	15
16	–	·03	·48	–	–	·10	–	–	–	·11	–	·10	16
17	–	–	·19	·08	–	·35	–	–	–	–	·25	·15	17
18	–	·43	·46	–	–	·07	–	–	–	–	·48	·23	18
19	–	–	·20	·10	–	·33	–	–	–	·14	1.01	·19	19
20	–	–	–	·18	–	–	–	·27	–	–	·15	·24	20
21	–	·23	·03	–	–	–	–	1.08	·05	·18	·12	–	21
22	·56	·04	–	–	–	·02	–	·04	·10	·03	·27	–	22
23	·02	·45	–	–	–	·57	–	–	·12	·02	·03	·14	23
24	·06	·03	·10	–	–	2.57	–	·04	–	·19	–	·14	24
25	–	·23	–	–	–	·25	–	–	·08	·23	·05	·05	25
26	–	–	–	·07	–	–	–	·05	–	1.09	·83	·03	26
27	–	·06	·05	·19	–	–	–	·09	·11	·06	·37	–	27
28	–	·05	·03	–	–	–	–	·06	·15	–	–	·15	28
29	–	×	·02	–	–	–	·08	–	·56	·32	–	·04	29
30	–	×	·02	–	–	–	–	–	·23	·26	·03	–	30
31	–	×	–	×	·25	×	–	–	×	·15	×	–	31
Total	2.55	1.63	3.66	1.27	1.20	4.30	·25	2.97	2.73	3.25	4.91	4.39	TOTAL for year 33.11
No. of Rain Days.	11	10	22	13	7	9	4	11	11	17	20	23	158

8,000, X. '11.

S: made

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REG 9 11

FORM A2.
BRITISH RAINFALL.
19 JAN 1912

Kept at Tunstall Reservoir

in the County of Durham 2

by The Weardale & Consett Water Coy
per R Askwith Esqre

RAIN GAUGE
Pattern
Diameter of top 8 in.
Height of top above Ground 1 ft. 2 in.
" " " Sea Level 724.44 ft.

Time of Observation

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	–	–	·11	–	·15	–	·05	·06	–	–	–	·02	1
2	·62	–	·02	–	·05	–	·10	–	–	·05	–	·15	2
3	·04	–	·18	·08	·28	–	·02	–	–	·03	·09	–	3
4	·07	–	·20	·27	·06	–	–	·43	–	·25	·19	·10	4
5	·03	–	·14	·10	–	–	–	·75	–	·12	·14	–	5
6	·22	–	·25	·04	–	–	–	·10	–	·02	–	·32	6
7	–	–	–	·03	–	–	–	–	–	–	·16	–	7
8	·03	–	·15	·03	–	–	–	–	–	–	·21	·19	8
9	–	–	–	·04	–	–	–	–	–	–	–	·20	9
10	–	–	·08	·06	–	–	–	–	–	–	–	·62	10
11	·60	–	–	–	–	–	–	–	·60	–	·17	·20	11
12	·30	–	·05	–	–	–	–	–	·70	–	·19	·04	12
13	–	–	·44	–	·22	·04	–	–	·03	–	·09	·44	13
14	–	–	·18	–	·19	–	–	–	–	–	–	·45	14
15	–	·08	·28	–	–	–	–	–	–	–	·08	·20	15
16	–	·03	·48	–	–	·10	–	–	–	·11	–	·10	16
17	–	–	·19	·08	–	·35	–	–	–	–	·25	·15	17
18	–	·43	·46	–	–	·07	–	–	–	–	·48	·23	18
19	–	–	·20	·10	–	·33	–	–	–	·14	1.01	·19	19
20	–	–	–	·18	–	–	–	·27	–	–	·15	·24	20
21	–	·23	·03	–	–	–	–	1.08	·05	·18	·12	–	21
22	·56	·04	–	–	–	·02	–	·04	·10	·03	·27	–	22
23	·02	·45	–	–	–	·57	–	–	·12	·02	·03	·14	23
24	·06	·03	·10	–	–	2.57	–	·04	–	·19	–	·14	24
25	–	·23	–	–	–	·25	–	–	·08	·23	·05	·05	25
26	–	–	–	·07	–	–	–	·05	–	1.09	·83	·03	26
27	–	·06	·05	·19	–	–	–	·09	·11	·06	·37	–	27
28	–	·05	·03	–	–	–	–	·06	·15	–	–	·15	28
29	–	×	·02	–	–	–	·08	–	·56	·32	–	·04	29
30	–	×	·02	–	–	–	–	–	·23	·26	·03	–	30
31	–	×	–	×	·25	×	–	–	×	·15	×	–	31
Total	2.55	1.63	3.66	1.27	1.20	4.30	·25	2.97	2.73	3.25	4.91	4.39	TOTAL for year 33.11
No. of Rain Days.	11	10	22	13	7	9	4	11	11	17	20	23	158

8,000, X. '11.

Swale

REGISTER OF RAINFALL IN 1912

FORM A.
BRITISH RAINFALL.

24 JAN 1913

Kept at Tunstall Reservoir
in the County of Durham 2
by Weardale & Consett Water Coy
per R Askwith Esqre

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 2 in.
" " " " Sea Level 724.44 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	·02	·19	–	·02	·33	·04	·26	·05	·19	–	·11	1
2	–	·16	·23	–	·08	·58	·53	·10	–	·12	–	–	2
3	·08	·30	–	–	–	·46	·03	·68	·42	–	–	·19	3
4	·15	–	·45	·10	–	·55	–	·45	·02	–	·03	·01	4
5	–	–	·02	–	·12	·44	–	·05	–	–	·01	–	5
6	·60	·21	–	–	–	·13	–	·39	–	–	·02	–	6
7	·04	·08	–	–	·24	–	–	·65	·15	–	·03	·04	7
8	·58	·15	·12	–	·04	–	–	–	·30	–	·14	–	8
9	·04	·03	·10	·08	–	·03	–	–	–	–	·04	–	9
10	·07	–	·08	–	·02	·30	–	·15	·02	–	·06	–	10
11	–	·28	–	–	·05	–	–	·04	·02	–	·34	·05	11
12	·04	·38	–	–	–	·19	·39	–	·04	–	·28	·10	12
13	·03	·08	–	–	–	·22	–	·02	–	–	·20	·30	13
14	·14	–	–	–	–	·12	–	–	–	–	–	·28	14
15	·18	·02	–	–	·56	·12	–	–	–	–	–	·63	15
16	·95	–	·03	–	·06	·05	–	·02	–	–	–	·07	16
17	·06	–	·33	–	–	·45	·04	·22	–	–	–	·12	17
18	·14	·33	–	–	–	·02	·02	·02	–	·05	–	·02	18
19	·06	·57	·04	–	·03	–	·33	·52	–	·03	·05	·03	19
20	·13	·04	–	–	1.03	·05	·05	–	–	·29	–	–	20
21	·08	–	·35	–	·16	–	–	·02	–	·04	·01	·09	21
22	–	·10	·05	–	·30	·15	–	·08	–	–	–	–	22
23	·04	–	–	–	·10	–	·15	·66	–	·16	·04	·04	23
24	·65	–	–	–	·02	–	·29	·30	–	·08	·03	·18	24
25	·48	–	–	–	–	·47	·05	·24	–	–	·40	·02	25
26	·13	·14	·05	–	–	–	–	·20	–	1.01	·29	·39	26
27	–	–	·03	–	–	·33	·51	·05	–	·21	·08	·44	27
28	–	·06	–	–	–	·03	·50	·15	–	·20	·11	·05	28
29	·03	·09	·63	–	–	·80	·27	·25	·10	·10	–	·02	29
30	·05	×	·23	–	·03	–	–	–	1.42	·30	–	·02	30
31	–	×	·25	×	·02	×	·65	·15	×	·14	×	–	31
Total	4.75	3.04	3.18	·18	2.88	5.82	3.85	5.67	2.54	2.92	2.16	3.20	YEAR'S TOTAL 40.19
Rain Days.	23	18	17	2	17	21	15	24	10	14	18	22	201

R Askwith

W. 7,500, XI. 12

[illegible] [illegible]

REGISTER OF RAINFALL IN 1913

FORM A2.
BRITISH RAINFALL
3 FEB 1914

Kept at Tunstall Reservoir

in the County of Durham

by The Weardale & Consett Water Coy
per R Askwith Engr

RAIN GAUGE
Pattern
Diameter of top 8 in.
Height of top above Ground 1 ft. 2 in.
" " " Sea Level 724·44 ft.

Time of Observation

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	·05	·10	·15	—	—	—	—	·08	·21	·02	—	1
2	·08	·02	·27	—	—	—	—	—	—	·10	·11	—	2
3	·07	·12	·04	—	·33	—	·35	—	·03	·04	—	·25	3
4	·29	·02	·03	—	—	·11	·06	—	·20	·16	·02	·15	4
5	·70	·04	·06	—	—	·15	·02	—	·04	·29	—	—	5
6	—	·43	·36	—	·56	—	·95	—	—	·02	·04	—	6
7	—	·45	·04	—	·09	—	—	—	—	1·27	—	—	7
8	·01	·04	—	—	·75	·08	—	—	—	·56	·12	—	8
9	·03	·03	·09	—	·26	·16	—	—	—	·01	—	—	9
10	—	—	·10	·09	·08	—	·07	—	—	·05	·26	—	10
11	Snow 1·12	—	—	Snow ·40	—	·12	—	—	—	—	—	—	11
12	·35	—	—	Snow ·04	—	·02	—	—	·75	—	·16	—	12
13	—	—	·03	—	—	—	—	—	·24	—	—	—	13
14	·10	·03	·07	·15	—	—	·03	—	—	·09	·10	—	14
15	·12	—	Snow ·50	·35	—	—	·04	·02	—	—	·10	—	15
16	—	—	·09	—	—	—	—	·17	—	—	·04	—	16
17	·02	—	·10	·08	—	—	—	—	—	—	·02	—	17
18	·02	—	·35	·35	·02	·30	—	—	—	—	·34	—	18
19	·24	·01	·10	·08	·04	·04	—	—	·05	·01	·02	—	19
20	1·14	·02	·20	·05	—	—	—	—	·25	·18	·24	—	20
21	·12	·02	·14	·05	—	·03	·02	·16	—	—	—	—	21
22	·14	—	1·10	—	—	—	—	·10	·04	·02	—	—	22
23	·12	—	·04	—	—	—	·02	—	·07	—	·04	—	23
24	·14	—	—	·05	—	·24	—	·03	—	—	—	—	24
25	—	—	—	·02	—	—	—	—	·27	—	—	·15	25
26	—	—	—	·55	—	—	—	—	1·27	—	·14	Snow ·60	26
27	—	·04	·08	·65	·02	·02	—	—	—	·25	·02	—	27
28	·46	—	·37	·35	—	—	—	—	—	—	—	·30	28
29	·07	X	·65	·33	·04	—	—	·55	—	·05	—	·25	29
30	Snow ·23	X	·09	—	·11	—	—	·02	—	—	—	·08	30
31	·09	X	—	X	—	X	—	·03	X	—	X	—	31
Total	5.66	1.32	5.00	3.74	2.30	1.27	1.56	1.08	3.29	3.31	1.79	1.78	TOTAL for year 32.10
No. of Rain Days	22	14	24	17	11	11	9	8	12	16	17	7	168

R Askwith

9,000, IX. '10.

Ex LMCC.

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
- 6 FEB 1915

Kept at Tunstall Reservoir
in the County of Durham 2
by Weardale & Consett Water Coy Per R Askwith Esq

Lat.
Long.
Time of Observation
Nearest Railway Station
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 2 in.
" " " " Sea Level 724·44 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	–	·10	·02	–	–	–	·09	·10	–	–	·10	·17	1
2	–	–	–	·04	–	–	·63	·50	–	–	·54	·19	2
3	·06	·05	·05	–	·10	–	–	·02	–	–	·10	·60	3
4	·27	–	·02	·06	·08	·02	–	–	–	–	·05	·44	4
5	–	–	·09	·32	·06	·07	·02	–	–	–	·51	·06	5
6	–	–	·05	·14	·04	–	–	–	–	–	–	·35	6
7	–	–	·06	·04	·18	·20	–	–	–	–	–	·21	7
8	·05	·05	snow ·27	·05	·20	·62	–	·24	·05	–	–	·14	8
9	·34	–	–	·13	·06	1·50	–	–	·09	–	·15	·10	9
10	·10	·08	–	–	·03	–	–	–	·02	–	·35	·04	10
11	–	·02	·17	–	·10	·08	–	–	·01	–	·37	·75	11
12	·05	·30	snow ·05	–	–	·01	·09	–	·02	–	·17	1·37	12
13	·04	·08	·21	–	–	–	–	–	–	·02	·19	·70	13
14	·20	·38	·03	–	–	–	·15	–	·06	·08	·25	·43	14
15	·10	·15	·11	–	·02	–	–	–	–	–	snow ·76	·05	15
16	·09	–	·14	–	–	–	·85	–	·42	–	·10	·05	16
17	·20	·05	·03	–	–	–	·05	–	·94	–	–	·37	17
18	·03	·05	·13	–	–	1·44	–	–	·10	·25	–	–	18
19	·02	·01	–	–	–	–	·13	–	·05	–	·12	–	19
20	–	·10	·15	–	·08	–	–	–	–	·02	–	–	20
21	–	·62	·10	–	–	·08	–	·24	–	·12	·20	·17	21
22	–	·12	–	–	·07	·02	–	·09	–	·09	·10	·20	22
23	–	·01	·05	–	·40	–	–	–	–	–	–	·18	23
24	–	–	·09	·09	–	–	–	–	–	–	·05	–	24
25	·03	–	·03	–	–	–	–	–	–	·50	–	·10	25
26	–	–	·19	–	–	–	–	·15	–	·14	·08	snow ·56	26
27	·02	–	–	–	–	–	–	–	–	·04	·18	·20	27
28	–	–	·05	–	–	–	–	·20	–	–	·15	·02	28
29	·05	X	·09	–	·01	–	–	·38	–	·75	·17	·02	29
30	–	X	·04	·05	–	–	–	–	–	·31	·15	·26	30
31	·18	X	–	X	·02	X	·28	–	X	·37	X	–	31
Total	1.83	2.17	2.22	·92	1.40	4.04	2.29	1.92	1.76	2.69	4·84	7·73	YEAR'S TOTAL 33.81
Rain Days.	17	16	24	9	15	10	9	9	10	12	22	26	179

W. 8,000. X. 14.

J made [illegible] 3738

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.
12 FEB 1916

Kept at Tunstall Reservoir

in the County of Durham

by Weardale & Consett Water Coy
per R. Askwith Esq

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 2 in.

" " " " Sea Level 724·44 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·25	·23	–	–	·18	–	·33	·27	·18	–	·15	·17	1
2	snow ·09	·22	·26	·14	–	·02	·05	·07	·07	–	–	·05	2
3	·47	·01	·01	·13	–	–	·29	·05	–	–	·25	snow ·75	3
4	·15	·04	–	–	–	–	–	·04	–	–	·06	snow ·60	4
5	·05	·22	·02	–	·02	·05	–	–	–	–	–	snow ·80	5
6	–	·75	·16	–	·08	–	·35	·07	–	·05	–	·19	6
7	·18	snow ·77	·10	·17	·01	–	·67	·26	–	–	–	·03	7
8	·08	snow ·30	·06	·02	–	–	·25	·04	–	–	·13	–	8
9	·06	·05	–	–	–	–	–	·17	–	–	·15	·70	9
10	snow ·18	–	·05	–	–	·01	·05	·15	–	–	–	snow ·40	10
11	·10	·14	–	·01	·98	–	·02	–	–	–	·18	·10	11
12	·12	snow ·05	–	–	·05	–	·12	–	–	–	snow ·68	–	12
13	·04	·20	–	–	·07	–	·04	·04	·05	–	–	–	13
14	·08	·05	–	–	·08	–	–	–	–	–	–	·04	14
15	·40	–	–	–	–	–	·03	·67	–	–	snow ·16	·20	15
16	·02	·18	–	–	–	–	·40	·37	–	–	–	–	16
17	–	·20	–	–	–	–	·04	–	·05	–	–	·04	17
18	–	·04	snow ·50	–	–	–	–	·30	·10	·15	·05	·12	18
19	–	·06	·05	–	–	–	·05	–	·02	·07	–	–	19
20	–	–	–	–	–	–	·03	–	–	·05	–	·47	20
21	·18	·05	–	·18	–	–	–	–	–	·01	–	·08	21
22	·02	–	·04	–	–	–	·19	–	–	·01	–	·13	22
23	·18	·15	snow ·20	–	–	–	–	–	–	·04	–	·12	23
24	–	–	snow ·30	·07	–	–	–	–	·37	·18	–	·35	24
25	–	–	snow ·04	–	–	–	–	–	–	·09	–	–	25
26	–	–	snow ·10	–	–	·18	–	–	–	–	·01	·35	26
27	–	·30	·02	–	–	–	·20	–	–	·28	–	·40	27
28	·02	snow ·16	·03	–	·26	–	·13	·45	–	·04	–	·06	28
29	–	✗	–	–	·36	–	–	·03	·18	–	·10	·70	29
30	·03	✗	–	–	–	·56	–	–	–	–	–	·03	30
31	·06	✗	–	✗	–	✗	–	·55	✗	–	✗	·34	31
Total	2·76	4·17	1·94	·72	2·09	·82	3·24	3·53	1·02	·97	1·92	7·22	YEAR'S TOTAL 30·40
Rain Days.	21	21	16	7	10	5	18	16	8	11	11	25	169

W. 8,000. X. 15.

3540

FORM A.
BRITISH RAINFALL.
1917

REGISTER OF RAINFALL IN 1916

Kept at Tunstall Reservoir

in the County of Durham

by Weardale & Consett Water Company
per R. Ashwith Esq:

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 2 in.

" " " " Sea Level 724.44 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·60	-	·23	-	-	·38	·28	-	-	-	·09	-	1
2	·10	·06	snow ·10	-	-	·09	-	-	·18	-	-	-	2
3	·02	·10	snow ·08	·12	-	·03	·08	-	1.09	·23	·29	-	3
4	·18	·02	-	-	·70	·16	·31	·01	·11	·44	·20	-	4
5	-	·40	·15	-	·73	·11	-	-	-	·45	·30	-	5
6	·20	·09	·20	·01	·43	·04	·10	-	-	·10	·15	-	6
7	-	snow ·12	snow ·23	-	·53	·24	·31	-	-	·10	-	·20	7
8	-	·04	·30	-	·05	-	-	-	-	-	·03	-	8
9	-	-	snow ·12	-	·12	·30	-	-	-	-	·12	·48	9
10	-	·04	·05	-	-	·20	·05	-	-	·09	·04	snow ·28	10
11	·01	snow ·29	snow ·73	·12	-	·19	·12	-	-	·04	-	snow ·10	11
12	·02	·13	snow ·40	-	·35	·10	·34	-	-	·05	-	·24	12
13	-	·03	snow ·29	·05	-	·09	·27	·10	-	·23	-	·17	13
14	·02	snow ·35	·10	·04	·04	-	-	·15	-	·10	-	·40	14
15	-	snow ·43	·80	-	·02	-	-	·40	-	-	-	-	15
16	-	snow ·10	·41	·18	-	-	·02	·25	·08	-	-	·14	16
17	·05	-	-	·12	·06	-	·02	·15	·08	·15	·05	-	17
18	-	snow ·39	-	·35	-	-	-	·35	·35	-	snow 1.45	·06	18
19	·30	-	·15	·38	-	-	-	-	·04	-	snow ·85	·14	19
20	·08	-	·14	·18	-	-	·95	·02	-	-	·39	·12	20
21	·16	·02	·06	·07	-	-	·04	·10	-	-	-	-	21
22	·04	·14	·04	-	-	·04	-	-	·04	·04	-	-	22
23	·06	·03	snow ·13	-	-	-	-	-	-	·20	-	·15	23
24	-	-	-	-	-	·20	-	·20	-	-	·06	-	24
25	·02	snow ·06	·33	-	·04	-	-	·27	-	·15	·20	-	25
26	·10	snow ·45	snow ·05	-	-	·10	-	·10	-	-	-	-	26
27	-	snow ·50	-	-	-	-	-	·18	·04	·50	-	-	27
28	-	snow ·47	-	-	·43	-	-	·05	-	·33	·03	·43	28
29	-	snow ·67	-	-	-	-	-	-	-	·23	-	-	29
30	-	X	-	-	·24	-	-	·08	-	·41	-	-	30
31	-	X	-	X	·02	X	-	-	X	·10	X	-	31
Total	1·96	4·93	5·09	1·62	7 3.~~9~~6	2·24	2·89	2·41	2·01	3·94	4·25	3·21	YEAR'S TOTAL 38·~~14~~ 3
Rain Days.	16	23	22	11	14	15	13	15	9	19	15	13	185

W. 8,000, VIII. 16

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FORM A.
BRITISH RAINFALL.

25 JAN 1918

REGISTER OF RAINFALL IN 1917

Kept at Tunstall Reservoir

in the County of Durham

by Weardale and Consett Water Company
per R. Askwith Esq.,

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 2 in.

" " " " Sea Level 724·44 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	-	-	-	·09	-	-	-	·54	·60	-	·17	-	1
2	·20	-	-	·55	-	-	-	·24	·07	-	·05	-	2
3	-	-	-	snow ·33	-	-	·02	-	-	·13	·05	-	3
4	-	-	snow ·22	-	-	-	-	-	-	·05	-	-	4
5	·06	·06	snow ·07	·23	-	-	-	-	-	·03	·10	-	5
6	-	-	·06	-	-	-	-	-	-	·30	·11	·11	6
7	·60	-	snow ·19	-	-	·44	-	·14	-	snow ·09	-	·10	7
8	snow ·65	-	·06	·12	-	·03	-	1·15	-	·30	·27	·25	8
9	snow ·19	-	-	·07	-	-	-	·40	-	·10	·10	snow ·12	9
10	·27	-	·85	·26	·25	-	-	·10	·03	·35	-	-	10
11	-	·06	-	snow ·17	·05	-	-	·10	-	-	-	-	11
12	·05	·08	-	snow ·06	·19	-	-	-	-	-	-	·05	12
13	·30	-	-	·15	·12	·30	-	1·17	·12	·18	-	-	13
14	snow ·55	-	-	·20	·50	-	-	·10	-	-	-	·19	14
15	snow ·36	-	-	·05	·18	-	-	·11	·04	-	-	·25	15
16	snow ·20	-	-	snow ·25	-	·03	-	·12	·10	-	-	snow ·60	16
17	snow ·05	-	-	·21	·05	-	-	1·22	-	-	-	snow ·40	17
18	snow ·04	-	-	-	·15	-	·22	·09	-	-	-	-	18
19	snow ·27	·18	·40	-	·20	·10	-	-	-	-	-	-	19
20	snow ·25	·30	·04	·04	-	·48	-	·20	·19	-	·03	·30	20
21	snow ·06	·20	·08	-	-	-	-	-	-	-	-	-	21
22	·05	-	·12	-	-	·04	-	·06	·01	-	-	-	22
23	-	-	-	-	-	·10	-	·15	-	·11	·14	-	23
24	·10	-	-	-	-	-	·18	·08	-	·47	snow ·61	-	24
25	-	-	·05	-	-	-	·45	-	-	·20	-	-	25
26	·07	-	·07	-	-	·55	-	·68	·14	snow ·25	·04	·02	26
27	snow ·40	-	-	-	-	·20	·57	·45	-	·18	-	·15	27
28	snow ·23	-	-	-	-	-	-	·37	-	·06	-	·05	28
29	-		-	-	-	-	·04	·05	-	·25	-	·02	29
30	·09		-	-	-	-	-	-	-	·27	·14	·05	30
31	·07		·30		-		·03	-		-		·20	31
Total	5.11	·88	2·51	2·78	1·69	2·27	1·51	7·52	1·30	3·32	1·81	2·86	YEAR'S TOTAL 33·56
Rain Days.	23	6	13	15	9	10	7	21	9	17	12	16	158

W. 8,000, IX. 17.

34

3540

FORM A.
BRITISH RAINFALL.

5. 3. 19

REGISTER OF RAINFALL IN 1918.

Smade

Kept at Tunstall Reservoir

in the County of Durham

by Weardale & Consett Water Company Bishop Auckland

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 2 in.

" " " " Sea Level 724·44 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	–	Snow. ·05	–	–	–	–	–	·15	·07	·43	–	1
2	–	–	·03	·10	–	–	–	–	·06	–	·04	·18	2
3	·03	·03	–	–	–	–	–	–	–	·06	–	–	3
4	–	·04	·05	–	·25	–	–	·45	–	·26	·42	–	4
5	–	·06	·34	·02	·64	–	–	·19	–	·15	–	·02	5
6	snow ·04	·35	·02	·23	·04	–	–	–	·03	·33	–	·08	6
7	snow ·25	·05	–	·13	–	·01	–	–	·42	·20	·34	–	7
8	–	·18	snow ·21	–	–	–	·04	·15	·18	·04	·11	–	8
9	–	·38	–	·14	–	–	–	–	·44	·25	·11	–	9
10	–	·31	·04	–	–	–	–	–	–	–	–	–	10
11	snow ·33	·11	–	·03	·24	–	–	·04	–	–	–	·12	11
12	–	·18	–	–	·03	–	·80	–	·16	·08	–	·03	12
13	–	·04	–	·33	·10	–	–	–	·05	·21	–	–	13
14	Snow ·10	–	–	·03	–	·05	·25	–	·45	–	–	–	14
15	–	–	·02	·04	–	·05	·45	–	1·49	–	–	·66	15
16	snow ·05	–	–	–	–	·02	·30	·03	·83	–	–	·20	16
17	·10	–	–	–	·14	·04	·51	–	·16	·44	–	·14	17
18	Snow ·83	–	·02	–	–	–	·10	–	·15	·12	–	·08	18
19	·40	–	·04	·11	–	–	·35	·12	·05	·41	–	–	19
20	·45	·32	–	Snow ·31	–	–	·41	–	·02	·05	–	–	20
21	·32	·15	–	–	·04	–	–	–	·19	·06	–	–	21
22	–	–	–	–	–	·16	·05	–	–	–	–	Snow ·40	22
23	·05	–	–	–	·10	–	·14	–	–	–	–	·01	23
24	–	–	–	–	–	–	·05	–	·10	–	·04	–	24
25	–	–	–	–	·13	·02	·09	·70	·05	–	–	–	25
26	·01	–	–	–	–	–	·24	–	·35	–	–	–	26
27	–	·13	–	–	–	–	–	·45	·64	–	·06	·10	27
28	–	·25	·22	–	–	–	–	·02	·09	–	–	·36	28
29	–	×	–	–	–	–	–	–	·43	–	–	·38	29
30	–	×	·04	–	–	–	–	–	–	–	–	·20	30
31	–	×	·30	×	–	×	–	·05	×	–	×	·02	31
Total	2·96	2·58	1·38	1·47	1·71	·35	3·78	2·20	6·49	2·73	1·55	2·98	YEAR'S TOTAL 30.18
Rain Days.	13	15	13	10 11	10	7	14	10	22	15	8	16	153 154

W. 6,500, VII. 18. w w d

3348
3540

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Tunstall Reservoir

in the County of Durham.

by Weardale & Consett Water Coy.

Lat. Long.

Time of Observation

Nearest Railway Station —

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft 2 in.

" " " " Sea Level 724·44 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·64	snow ·08	—	—	·15	—	·28	—	·20	·15	snow ·08	—	1
2	·12	—	·08	—	·03	—	·55	—	·10	—	·14	—	2
3	snow ·25	—	—	—	—	·10	·22	—	—	—	·28	—	3
4	snow ·50	snow ·12	snow ·19	—	·17	—	—	·09	—	—	snow ·28	·12	4
5	·38	·06	—	—	·04	—	—	—	—	—	·15	·10	5
6	·04	—	·14	—	·60	—	—	—	—	·04	·16	·03	6
7	·10	—	·33	—	·12	—	—	—	—	—	—	—	7
8	·15	—	—	·15	·30	—	—	·04	—	—	·50	·04	8
9	·19	—	·06	—	—	—	—	—	—	—	snow ·30	—	9
10	—	—	snow ·28	—	·14	—	—	—	—	·08	snow ·20	·45	10
11	—	—	snow ·48	—	·12	—	—	—	·15	—	snow ·08	·02	11
12	—	—	snow ·41	—	—	—	·10	—	·07	snow ·25	snow ·15	—	12
13	·08	—	·14	—	—	—	·16	—	—	·32	snow ·08	·02	13
14	·11	—	—	·25	—	—	—	—	—	·02	snow ·45	—	14
15	·40	·47	·10	·24	—	—	—	·02	—	·01	snow ·06	·60	15
16	·21	·17	—	—	—	—	—	—	—	—	·04	—	16
17	—	·04	—	·03	—	—	—	—	—	—	·09	—	17
18	—	—	·07	—	—	—	·04	—	—	—	—	·14	18
19	·08	·16	snow 1·12	·04	—	·09	·04	·25	snow ·15	—	·19	·04	19
20	·32	·40	·14	—	—	—	·11	—	—	—	·03	·06	20
21	·09	·15	snow ·06	—	—	·08	—	—	—	—	—	·22	21
22	—	·15	snow ·10	—	—	—	—	—	—	—	—	·06	22
23	·02	—	—	—	—	—	—	—	—	·75	·18	—	23
24	—	—	—	·06	—	·24	—	—	—	·25	·22	·09	24
25	—	·10	·02	·14	—	·05	—	·85	·09	—	·20	—	25
26	—	·20	—	·15	—	·01	—	·25	·12	—	·60	snow ·35	26
27	·09	—	—	snow ·18	—	—	—	—	—	·37	·10	·15	27
28	·07	—	snow ·17	snow ·25	—	—	—	·99	—	snow ·64	·03	·27	28
29	snow ·30	✕	—	—	—	—	—	—	—	·74	—	·05	29
30	·08	✕	—	—	—	·22	—	—	—	·34	·21	·60	30
31	snow ·17	✕	·10	✕	—	✕	·14	—	✕	·18	✕	·13	31
Total	4·39	2·10	3·99	1·49	1·67	·79	1·64	2·49	·88	4·14	4·80	3·54	Year's Total 31·92
Days with ·01 in. or more	22	12	18	10	9	7	9	7	7	14	25	20	160

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

3540

26 JAN 1921

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920

Kept at Tunstall

in the County of Durham

by Durham County Water Board

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 2 in.

" " " " Sea Level 724·44 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	·14	·45	·85	–	·15	–	–	·11	–	–	1
2	–	·03	·06	·21	·13	–	·08	–	·20	·20	–	·38	2
3	–	·06	–	·26	·04	·08	·35	·10	·05	·35	–	·30	3
4	·05	–	–	·07	–	–	·22	·51	·04	1·01	–	·75	4
5	–	–	·05	–	·03	–	·11	·15	–	·17	–	·03	5
6	–	–	–	–	·09	–	·09	–	–	–	–	·14	6
7	·09	–	·05	–	–	–	·04	–	–	–	–	–	7
8	·05	·04	–	·05	·18	–	·45	·02	–	–	·13	–	8
9	·15	·32	–	·33	–	–	·10	–	–	–	–	–	9
10	snow ·90	·43	–	snow ·95	–	–	·13	·20	–	–	–	–	10
11	·30	·03	–	·15	·32	·03	–	·03	–	–	–	·45	11
12	·17	·04	snow ·34	·23	·04	–	·14	–	–	–	·05	snow ·62	12
13	·25	·02	·05	·12	·02	–	–	–	–	–	·27	snow ·19	13
14	–	·05	·95	·18	–	–	·10	–	–	·45	·50	·04	14
15	–	·12	snow ·42	·19	–	–	·04	–	–	·20	·13	·07	15
16	·02	–	–	–	–	–	·14	–	·25	–	·10	–	16
17	·06	–	·06	–	·20	–	·12	·16	·12	·10	–	–	17
18	·30	–	·05	·40	·22	·18	·15	·10	·17	–	–	–	18
19	snow ·04	snow ·34	–	–	·09	–	–	·10	–	–	–	–	19
20	·06	·06	–	·04	–	·02	·04	–	·37	–	–	·04	20
21	–	–	–	·14	–	–	·08	·31	·10	–	–	·05	21
22	·07	–	–	·13	–	–	·05	–	–	–	–	–	22
23	·03	–	–	–	–	–	·13	–	–	–	–	·15	23
24	·04	–	·83	–	–	–	·15	·02	–	–	–	·10	24
25	–	–	·11	–	–	–	·45	·08	–	–	·02	–	25
26	·05	·05	·55	·13	–	–	·08	–	–	–	·02	–	26
27	snow ·20	–	·15	·35	·60	·65	–	–	–	–	·24	·25	27
28	·05	–	·35	–	–	–	·04	–	–	–	·03	·03	28
29	·18	–	·11	–	1·02	–	·03	–	–	–	·05	·85	29
30	·10	×	–	–	·37	–	–	–	·14	–	·09	·25	30
31	·21	×	·04	×	–	×	–	–	×	–	×	·10	31

	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	YEAR'S TOTAL
TOTAL	3·37	1·59	4·31	4·38	4·20	·96	3·46	1·78	1·44	2·59	1·63	4·79	34·50
Days with ·01 in. or more	22	13	17	18	15	5	25	12	9	8	12	19	175
Days with ·04 in. or more	20	10	17	18	15	3	24	9	9	8	9	17	157

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REGI 1911

FORM A2.
BRITISH RAINFALL.
19 JAN 1912

DURHAM

WEARDALE RES

WASKERLEY.

1911 — 1920

Kept at Waskerley Re of top 8 in.

top above Ground — ft. 11 in.

in the County of Dur ,, ,, Sea Level 1178·90 ft.

n

by The Weardale & Co per R Askwith tation { Name
Distance Direction

IMPORTANT NOTE.— n., and the result entered to the previous day. If an Observ st universal rule, he is earnestly requested to add the reading ng year in the space provided for it at the end of this pa asurement of rain, the selection and placing o he British Rainfall Organization are given in "R e on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	.22	—	—	—	.10	.18	—	—	.10	.02	1
2	.35	—	.02	—	.08	—	.11	.02	—	.06	.02	.25	2
3	.04	—	.41	.06	.38	—	.05	—	—	.19	.12	—	3
4	.06	—	.18	.16	—	—	—	.46	—	.05	.24	.06	4
5	.05	—	.08	.04	—	—	—	.41	—	.10	.08	—	5
6	.08	—	.27	.15	—	—	—	.09	—	.04	.03	.37	6
7	—	—	—	.04	—	—	—	—	—	—	.19	—	7
8	.06	—	.18	.03	—	—	—	—	—	.06	.19	.08	8
9	—	—	—	.02	—	.03	—	—	—	.02	—	.43	9
10	.12	.02	.08	.08	—	—	—	—	—	—	.12	.72	10
11	.46	—	.02	—	.02	—	—	.02	.27	—	.07	.09	11
12	.09	—	.07	.02	.07	.10	—	.02	.69	—	.21	.02	12
13	—	—	.31	—	.13	.03	—	—	.03	—	.05	.39	13
14	—	—	.16	—	.25	—	—	—	—	—	.03	.29	14
15	—	.07	.31	—	—	—	—	—	—	.04	.09	.08	15
16	—	.08	.48	.08	—	.09	.04	—	—	.03	—	.10	16
17	.01	.02	.22	.02	—	.63	.01	.02	—	—	.38	.21	17
18	—	.38	.23	.02	—	.03	—	—	—	—	.31	.35	18
19	—	.02	.11	.12	—	.02	—	.12	.05	.13	.91	.05	19
20	—	.03	—	.08	—	—	.13	.21	.17	—	.08	.44	20
21	.02	.29	.02	—	—	—	.03	1.39	.04	.16	.16	—	21
22	.34	.09	.02	.02	—	.03	—	.17	—	.17	.14	—	22
23	—	.41	—	—	.04	1.11	—	—	.23	.04	—	.14	23
24	.06	.03	.05	.03	—	2.94	—	.03	—	.20	—	.09	24
25	.02	.16	.01	.01	—	.27	—	—	.07	.18	.04	.03	25
26	.01	.04	—	.14	.03	—	—	.03	.01	.79	.62	—	26
27	—	.08	.06	.17	—	—	—	.12	.13	.10	.21	.03	27
28	—	.06	.02	.23	—	—	—	.07	.10	—	—	.12	28
29	—		.04	.08	—	.04	.08	—	.58	.34	—	.02	29
30	—		.03	—	.20	—	—	—	.13	.35	—	—	30
31	—		.01		.12		—	—		.11		—	31
Total	1.77	1.78	3.61	1.60	1.32	5.32	.55	3.36	2.50	3.16	4.39	4.38	TOTAL for year 33.74
No. of Rain Days	15	15	26	21	10	12	8	16	13	20	23	23	202

9,000, IX. '10.

1000

REGISTER OF RAINFALL IN 1911

FORM A2.
BRITISH RAINFALL.
19 JAN 1912

Kept at Waskerley Reservoir

in the County of Durham

by The Weardale & Consett Water Coy
per R Askwith Esqre

Rain Gauge
Pattern
Diameter of top 8 in.
Height of top above Ground — ft. 11 in.
" " " Sea Level 1178·90 ft.

Time of Observation —

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	·22	–	–	–	·10	·18	–	–	·10	·02	1
2	·35	–	·02	–	·08	–	·11	·02	–	·06	·02	·25	2
3	·04	–	·41	·06	·38	–	·05	–	–	·19	·12	–	3
4	·06	–	·18	·16	–	–	–	·46	–	·05	·24	·06	4
5	·05	–	·08	·04	–	–	–	·41	–	·10	·08	–	5
6	·08	–	·27	·15	–	–	–	·09	–	·04	·03	·37	6
7	–	–	–	·04	–	–	–	–	–	–	·19	–	7
8	·06	–	·18	·03	–	–	–	–	–	·06	·19	·08	8
9	–	–	–	·02	–	·03	–	–	–	·02	–	·43	9
10	·12	·02	·08	·08	–	–	–	–	–	–	·12	·72	10
11	·46	–	·02	–	·02	–	–	·02	·27	–	·07	·09	11
12	·09	–	·07	·02	·07	·10	–	·02	·69	–	·21	·02	12
13	–	–	·31	–	·13	·03	–	–	·03	–	·05	·39	13
14	–	–	·16	–	·25	–	–	–	–	–	·03	·29	14
15	–	·07	·31	–	–	–	–	–	–	·04	·09	·08	15
16	–	·08	·48	·08	–	·09	·04	–	–	·03	–	·10	16
17	·01	·02	·22	·02	–	·63	·01	·02	–	–	·38	·21	17
18	–	·38	·23	·02	–	·03	–	–	–	–	·31	·35	18
19	–	·02	·11	·12	–	·02	–	·12	·05	·13	·91	·05	19
20	–	·03	–	·08	–	–	·13	·21	·17	–	·08	·44	20
21	·02	·29	·02	–	–	–	·03	1·39	·04	·16	·16	–	21
22	·34	·09	·02	·02	–	·03	–	·17	–	·17	·14	–	22
23	–	·41	–	–	·04	1.11	–	–	·23	·04	–	·14	23
24	·06	·03	·05	·03	–	2.94	–	·03	–	·20	–	·09	24
25	·02	·16	·01	·01	–	·27	–	–	·07	·18	·04	·03	25
26	·01	·04	–	·14	·03	–	–	·03	·01	·79	·62	–	26
27	–	·08	·06	·17	–	–	–	·12	·13	·10	·21	·03	27
28	–	·06	·02	·23	–	–	–	·07	·10	–	–	·12	28
29	–		·04	·08	–	·04	·08	–	·58	·34	–	·02	29
30	–		·03	–	·20	–	–	–	·13	·35	–	–	30
31	–		·01		·12		–	–		·11		–	31
Total	1.77	1.78	3.61	1.60	1.32	5.32	·55	3.36	2.50	3.16	4.39	4.38	TOTAL for year 33·74
No. of Rain Days	15	15	26	21	10	12	8	16	13	20	23	23	202

9,000, IX. '10.

REGISTER OF RAINFALL IN 1912

FORM A.
BRITISH RAINFALL.

24 JAN 1913

Kept at Waskerley Reservoir

in the County of Durham 2

by Weardale & Consett Water Coy
per Raskwith Esqre

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground ft. 11 in.
" " " " Sea Level 1178·90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
1	–	·14	·16	–	·03	·19	·17	·37	·05	·12	–	·10	1
2	–	·02	·23	–	·06	·60	·58	·21	·02	·08	–	–	2
3	·08	·18	·02	–	–	·59	·03	·45	·48	·02	–	·19	3
4	·10	–	·34	·10	·02	·53	–	·37	·03	–	·04	–	4
5	·03	–	·01	·02	·12	·42	–	·03	–	·02	·03	–	5
6	·45	·32	–	–	·01	·08	·02	·57	–	–	·03	–	6
7	·03	·09	–	·04	·12	–	–	·89	·33	–	·08	·04	7
8	·65	·09	·13	·09	·02	·03	·02	–	·26	–	·08	–	8
9	·09	·05	·14	·04	–	·06	–	–	–	–	·02	–	9
10	·03	·02	·06	·02	·06	·30	–	·49	·04	–	·08	–	10
11	–	·17	–	–	–	–	·08	·06	·16	–	·22	·08	11
12	·05	·43	–	–	–	·18	·70	–	·02	–	·28	·17	12
13	·02	·05	–	–	–	·05	–	·02	–	·06	·14	·54	13
14	·05	–	–	–	–	·11	–	·02	–	·02	–	·21	14
15	·11	·04	·04	–	·53	·15	–	–	–	·04	–	·55	15
16	·37	–	·04	–	·09	·11	·03	·01	–	·04	–	–	16
17	–	·16	·35	–	·02	·31	·02	·27	–	–	–	·13	17
18	·08	·24	–	–	–	·03	·04	·02	–	·06	·02	·02	18
19	·08	·58	·05	–	·09	–	·39	·45	–	·05	·06	–	19
20	·12	·06	·03	–	1·13	·03	·11	·02	–	·24	–	–	20
21	·08	–	·19	–	·19	·04	·02	–	–	·03	–	·15	21
22	–	·07	·06	–	·20	·14	–	·05	–	–	–	·02	22
23	·06	–	·03	–	–	·01	·15	·59	–	·13	·03	·06	23
24	·55	–	–	–	·08	–	·31	·10	–	·03	·20	·27	24
25	·37	–	–	–	–	·78	·07	·38	–	–	·29	·02	25
26	·07	·24	·02	–	–	·02	–	·04	–	·73	·39	·32	26
27	·04	·02	·03	–	·04	·33	·60	·07	–	·23	·06	·34	27
28	–	·06	·03	·02	–	·03	·43	·32	–	·26	·05	–	28
29	·02	·06	·50	–	–	·29	·08	·10	·49	·12	–	·11	29
30	·06		·22	·02	·02	·06	·02	·03	·84	·26	–	–	30
31	–		·23		·02		1.00	·17		·02		·07	31
Total	3.59	3.09	2.91	·35	2.85	5.47	4.87	6.10	2.72	2.56	2.10	3.39	YEAR'S TOTAL 40.00
Rain Days.	24	21	22	8	19	26	21	26	11	20	18	19	235

W. 7,500, XI. 12

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P. made ✓ Esc. M.G.

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.
3 FEB 1914

Kept at Waskerley Reservoir

in the County of Durham 2

by The Weardale & Consett Water Coy
per R Askwith Esqre

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground ft. 11 in.

" " " " Sea Level 1178·90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	—	·05	·11	—	—	—	—	·13	·28	·06	·02	1
2	—	·02	·30	·03	—	—	—	—	·03	·04	·09	·07	2
3	·04	·28	·06	—	·47	—	·41	—	·01	·05	—	·35	3
4	·27	·05	·03	—	·01	·13	·03	—	·04	·07	·02	·13	4
5	·70	·10	·15	—	—	·16	·05	—	·05	·05	—	—	5
6	—	·31	·54	—	·46	·03	·75	·09	—	—	·07	—	6
7	—	·47	·04	·03	·07	·04	—	—	—	1·48	—	—	7
8	—	·02	—	—	·79	·01	—	—	—	1·15	·15	—	8
9	·03	·05	·12	·10	·26	·34	—	·05	·04	—	·02	·02	9
10	·02	·02	·21	·05	·24	—	·09	—	—	·05	·24	—	10
11	·20	—	·05	·29	·02	·10	—	—	—	—	·10	—	11
12	·13	—	—	—	—	·03	·02	—	·97	—	·21	—	12
13	—	—	·04	—	—	—	—	·02	·18	·03	·06	—	13
14	·13	·04	·09	·07	—	—	·11	·02	—	·09	·11	—	14
15	·03	·03	snow ·44	·28	—	—	·02	·10	·14	—	·11	·03	15
16	·02	—	snow ·04	·11	—	—	·01	·04	—	—	·07	—	16
17	—	·03	snow ·12	·08	—	—	—	—	—	—	·04	—	17
18	·04	—	snow ·22	·43	·01	·15	—	—	—	—	·28	—	18
19	·12	—	snow ·14	·03	·03	—	—	—	·06	·04	·04	—	19
20	·54	·04	snow ·25	·05	—	—	—	·03	·40	·17	·25	—	20
21	·17	—	·05	—	—	—	·02	·16	—	—	—	—	21
22	·02	—	1·05	—	—	—	·01	·07	·05	·06	—	—	22
23	·13	—	·20	—	—	·06	·06	·07	·08	·03	·04	—	23
24	·30	—	—	·11	—	·29	—	·05	—	—	·02	—	24
25	—	—	—	·03	—	—	—	—	·26	—	—	·13	25
26	—	—	·04	·56	—	—	—	—	·93	·02	·06	snow ·53	26
27	—	·06	·04	·73	·03	·02	—	—	—	·24	—	·04	27
28	·14	—	·27	·29	·03	—	—	—	—	·02	—	·13	28
29	·03		·57	·35	·04	—	—	·81	—	·02	·05	·08	29
30	snow ·26		·02	—	·04	—	—	·04	—	·13	—	·04	30
31	snow ·27		—		—		—	·04		—		—	31
Total	3.59	1.52	5.13	3.73	2.50	1.36	1.58	1.59	3.37	4.02	2.09	1.57	YEAR'S TOTAL 32.05
Rain Days.	21	14	26	19	14	12	12	14	15	19	21	12	199

W.7,000, XI. 13

R Askwith

Ex LMcC

3544

FORM A.
BRITISH RAINFALL.
- 6 FEB 1915

REGISTER OF RAINFALL IN 1914

Kept at Waskerley Reservoir

in the County of Durham 2

by Weardale & Consett Water Coy
Per R Askwith Esq

Lat. ______ Long. ______
Time of Observation ______
Nearest Railway Station ______
Diameter of Rain Gauge 8 in.
Height of top of Gauge above Ground ______ ft. 11 in.
" " " " Sea Level 1178·90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	–	·09	·02	–	–	·04	·08	·20	–	–	·10	·36	1
2	–	·02	–	·07	–	–	·34	·60	–	·02	·42	·33	2
3	·03	·05	·08	–	·07	–	–	·06	–	–	·05	·75	3
4	·44	–	·05	·04	·17	·08	–	–	–	–	·09	·71	4
5	·03	–	·14	·27	·05	·05	–	–	–	–	·36	–	5
6	–	–	·04	·31	·05	–	–	·04	–	–	·02	·22	6
7	–	·05	·08	·03	·15	·21	–	·02	–	–	·02	·17	7
8	·08	·04	·12	·09	·18	·68	·12	·26	·02	·03	·01	·21	8
9	·42	·06	·03	·11	·05	1·61	–	–	·08	–	·21	·08	9
10	·05	·16	–	–	·04	–	–	–	·01	–	·48	–	10
11	–	·06	·03	–	·15	·13	–	–	·04	–	·40	·63	11
12	·03	·29	·04	–	–	·02	·09	–	·06	–	·31	1·02	12
13	·03	·08	·26	·02	–	–	–	–	·02	·03	·14	·52	13
14	·15	·30	·02	–	–	–	·04	–	·07	·07	·06	·28	14
15	·02	·19	·20	–	–	–	·04	–	·03	–	Snow ·49	·07	15
16	·16	–	·01	–	–	–	·68	–	·20	–	Snow ·11	·03	16
17	·18	·08	·08	–	–	–	·04	–	1.23	–	·02	·21	17
18	·01	·06	·07	–	–	·30	–	–	·11	·25	·02	–	18
19	·01	·02	–	–	–	–	·11	–	·06	–	·12	–	19
20	·01	·13	·12	–	–	·02	–	–	·01	·01	–	–	20
21	–	·34	·06	–	–	·04	–	·48	–	·08	·25	·07	21
22	–	·04	·02	–	·27	·01	–	·07	–	·08	·11	·11	22
23	–	·06	·04	·04	·29	·02	–	–	–	–	–	Snow ·15	23
24	·05	–	·07	·08	·04	–	–	–	–	–	·05	–	24
25	·02	–	·10	–	–	–	–	·08	–	·38	–	·14	25
26	–	–	·19	–	–	–	·03	·05	–	·08	·08	·26	26
27	·02	–	–	–	–	–	–	–	–	·02	·21	·11	27
28	·01	·10	·07	–	–	–	–	·21	–	·03	·28	·02	28
29	·04		·09	–	·03	–	–	·21	–	·66	·31	·02	29
30	·02	×	·03	·11	–	–	–	·36	–	·23	·30	·25	30
31	·17	×	·02	×	–	×	·43	·04	×	·27	×	–	31
Total	1.98	2.22	2.08	1.17	1.54	3.21	2.00	2.68	1.94	2.24	5.02	6.72	YEAR'S TOTAL 32.80
Rain Days.	22	20	27	11	13	13	11	14	13	15	27	24	210

W. 8,000. X. 14.

Smale

REGISTER OF RAINFALL IN 1915

FORM A. BRITISH RAINFALL. 12 FEB 1916

Kept at Waskerley Reservoir

in the County of Durham

by Weardale & Consett Water Coy per R. Askwith Esq

Lat. .... Long. ....

Time of Observation ....

Nearest Railway Station ....

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground ...... ft. 11 in.

" " " " Sea Level 1178·90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·10	·17	·02	-	·22	-	·26	·40	·22	-	·15	·13	1
2	-	·23	·14	·12	-	·03	·03	·31	·08	-	-	·09	2
3	snow ·50	·07	-	·09	-	-	·23	·18	-	-	·27	snow ·64	3
4	·21	·04	-	-	-	·03	-	·27	-	-	·03	snow ·61	4
5	·07	·24	·07	-	·01	-	-	·05	-	-	·03	snow ·64	5
6	-	·35	·16	·13	·02	·02	·46	·07	-	·05	-	·11	6
7	·19	snow ·62	·03	·22	·01	-	1·02	·23	-	-	-	·10	7
8	·05	snow ·26	·12	·08	·01	-	·21	·03	-	-	·14	-	8
9	snow ·04	·02	-	·02	-	-	-	·20	-	·03	·14	·26	9
10	snow ·24	-	·06	-	-	·07	·02	·02	-	-	-	·42	10
11	·12	·19	·02	·03	·90	-	·11	-	-	-	·22	·09	11
12	·11	snow ·03	-	·04	·13	-	·30	-	-	·03	snow ·57	-	12
13	·06	·16	-	-	-	-	·10	·07	·12	-	-	-	13
14	·10	snow ·05	-	·07	·08	-	-	-	-	-	-	-	14
15	snow ·36	snow ·02	-	-	-	-	·14	1·41	-	-	·18	·21	15
16	·02	·11	-	-	-	-	·23	·39	-	·03	-	-	16
17	-	·23	·07	-	-	-	·02	-	·06	-	-	·05	17
18	-	·05	snow ·42	-	-	-	-	·56	·03	·13	·07	·09	18
19	-	·08	·04	·07	-	-	·17	-	-	·05	-	-	19
20	·01	-	·04	-	·01	-	·05	-	-	·13	-	·45	20
21	·15	snow ·08	-	·07	-	-	-	-	-	·02	-	·12	21
22	·02	-	·12	-	-	-	-	-	-	·01	·01	·12	22
23	·10	snow ·13	·20	·03	-	-	·09	-	-	·10	-	·21	23
24	-	-	·41	·12	-	·01	-	-	·61	·07	-	·22	24
25	-	-	-	-	-	·07	·02	-	-	·12	·02	-	25
26	·02	·05	snow ·11	·01	-	·13	·04	-	·05	-	-	·18	26
27	-	·11	-	-	-	-	·18	-	-	·29	-	·39	27
28	·01	snow ·23	·04	-	·28	·02	·14	·51	-	·01	-	·07	28
29	-		-	-	·45	·08	-	·02	·11	-	·08	·43	29
30	·07	X	-	·02	-	·16	·01	·03	·03	-	·04	·03	30
31	-	X	-	X	-	X	-	·46	X	·02	X	·39	31
Total	2.55	3.52	2.07	1.12	2.12	.62	3.83	5.21	1.31	1.09	1.95	6.11	YEAR'S TOTAL 31.50
Rain Days.	21	23	17	15	11	10	21	18	9	15	14	24	198

W. 8,000. X. 15.

Smade ✓ Exd C&E 3(7)

REGISTER OF RAINFALL IN 19 16

FORM A.
BRITISH RAINFALL.

3. FEB 1917

Kept at Waskerley Reservoir

in the County of Durham

by Weardale & Consett Water Company
per R. Askwith Esq:

Lat. .... Long. ....

Time of Observation ....

Nearest Railway Station ....

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground .... ft. 11 in.

" " " " Sea Level 1148.90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·77	-	·21	-	-	·33	·35	-	-	-	·12	-	1
2	·09	·10	snow ·07	-	-	·07	-	-	·17	·06	·02	·06	2
3	-	·11	snow ·05	·11	-	·06	·93	·04	1.31	·14	·19	-	3
4	·19	·04	·02	-	·72	·11	·64	-	·15	·44	·18	-	4
5	-	·28	·07	-	·88	·09	-	-	-	·45	·30	-	5
6	·26	·21	snow ·21	·05	·54	·09	·12	-	-	·06	·17	-	6
7	·03	snow ·19	snow ·22	snow ·02	·49	·24	·49	-	-	·15	·05	·22	7
8	-	·02	snow ·31	-	·07	·03	-	-	-	-	·08	-	8
9	-	-	·06	-	·21	·30	-	-	-	-	·06	·44	9
10	·08	-	·06	·03	-	·28	·05	-	-	·43	·05	snow ·41	10
11	·04	snow ·45	snow ·53	·11	-	·22	·11	-	·03	·05	-	snow ·09	11
12	·05	·14	snow ·91	·06	·33	·10	·44	-	-	·04	-	·18	12
13	-	·07	snow ·28	·02	-	·03	·33	·32	·02	·29	·02	·11	13
14	·03	snow ·26	snow ·06	·05	·05	·03	-	·13	-	·12	·02	snow ·47	14
15	·04	snow ·41	·48	-	-	-	-	·52	-	-	-	-	15
16	-	snow ·04	·43	·18	-	-	·06	·42	-	03	-	·26	16
17	·04	-	-	·11	·04	-	·03	·05	·10	·10	·05	-	17
18	·03	snow ·38	-	·46	-	-	-	·38	·46	·02	snow 1.15	·03	18
19	·29	·05	·19	·63	-	-	-	·06	·11	-	snow ·57	-	19
20	·09	-	·18	·35	-	-	·59	·08	-	-	·16	·02	20
21	·20	-	snow ·16	·04	-	-	·02	·14	-	-	-	-	21
22	·03	snow ·17	-	·03	-	·02	-	-	·02	·11	-	-	22
23	·07	snow ·02	snow ·18	·01	-	-	-	-	-	·05	·04	snow ·39	23
24	-	-	snow ·07	·02	-	·26	-	·22	-	-	·13	-	24
25	·08	snow ·17	snow ·38	-	·04	·02	-	·40	-	·12	·27	·05	25
26	·19	snow ·30	·12	-	-	·01	-	·31	·01	·02	-	-	26
27	-	snow ·48	-	-	-	·04	-	·24	·04	·39	·01	-	27
28	·03	snow ·32	snow ·07	-	·45	-	-	·02	·04	·18	·02	·58	28
29	-	snow ·69	-	-	-	-	-	-	-	·14	·02	·02	29
30	·01	✕	-	·02	·24	-	-	·08	-	·41	·02	·06	30
31	-	✕	-	✕	·05	✕	-	-	✕	·13	✕	·04	31
Total	2.64 ✓	4 93 ✓	5.32 ✓	2.30 ✓	4.11 ✓	2.33 ✓	4.16 ✓	3.41 ✓	2.46 ✓	3.96 ✓	3.70 ✓	3.43 ✓	YEAR'S TOTAL 42.45
Rain Days.	21 ✓	22 ✓	24 ✓	18 ✓	13 ✓	19 ✓	13 ✓	16 ✓	12 ✓	23 ✓	23 ✓	14 ✓	221 ✓

W. 8,000, VIII. 16

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3526

REGISTER OF RAINFALL IN 1917

FORM A.
BRITISH RAINFALL.

25 JAN 1918

Kept at Waskerley Reservoir

in the County of Durham

by Weardale & Consett Water Company
per R. Askwith Esq.

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground - ft. 11 in.

" " " " Sea Level 1178·90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·03	-	-	snow ·04	-	·02	-	·96	·69	-	·22	·06	1
2	·08	-	-	snow ·36	-	-	-	·18	·03	-	·05	-	2
3	·02	snow ·02	-	snow ·22	-	·06	-	·02	-	·17	·03	-	3
4	-	·02	snow ·02	-	-	-	·02	-	-	·02	-	-	4
5	·04	-	snow ·03	snow ·20	-	-	-	-	·02	·06	·09	-	5
6	-	-	snow ·06	-	-	-	-	-	-	·12	·08	·03	6
7	·35	-	snow ·06	-	-	·41	-	·14	-	snow ·06	-	·14	7
8	snow ·32	-	-	snow ·11	-	·02	-	1·28	-	·44	·21	snow ·22	8
9	snow ·17	-	-	snow ·03	-	-	-	·27	·02	·19	·12	snow ·16	9
10	snow ·31	-	·34	·38	·24	-	-	·06	·04	·09	·02	-	10
11	-	·14	-	snow ·12	·08	-	-	·14	-	·04	·03	-	11
12	-	snow ·04	-	snow ·03	·23	-	-	·05	-	-	-	-	12
13	snow ·27	-	-	snow ·20	·16	·47	-	·83	·17	·16	-	-	13
14	snow ·36	-	-	snow ·23	·87	-	-	·08	-	-	-	snow ·17	14
15	snow ·24	-	·02	snow ·02	·04	-	·08	·28	·02	-	-	·15	15
16	snow ·13	·05	-	snow ·09	-	-	·03	·20	·05	·02	-	snow ·24	16
17	snow ·18	-	-	·18	·07	-	-	1·19	·03	-	-	snow ·22	17
18	snow ·13	-	-	·02	·19	-	·27	·13	·06	-	-	-	18
19	snow ·28	·14	snow ·36	-	·25	·03	-	·02	-	-	·02	·03	19
20	snow ·68	snow ·17	snow ·13	·06	-	·72	-	·44	·32	-	·05	·40	20
21	·02	·17	snow ·03	·03	-	-	-	·04	-	-	-	-	21
22	-	-	snow ·07	-	-	·07	-	-	·02	·07	-	-	22
23	·04	·06	-	-	·10	·14	-	·15	·01	·04	·28	·02	23
24	snow ·05	-	-	·03	-	-	·07	·05	-	·57	·40	-	24
25	snow ·02	-	·06	·02	-	-	·28	-	·03	snow ·20	-	-	25
26	·07	-	snow ·02	-	-	·39	·01	·74	·15	snow ·28	·06	-	26
27	snow ·13	-	-	-	-	·16	·54	·29	-	·19	·03	·07	27
28	snow ·09	-	·12	-	-	-	-	·68	-	·07	·10	·05	28
29	·04		-	-	-	-	·01	·09	-	·27	·09	·03	29
30	·06	X	snow ·02	-	-	-	-	-	-	·32	·19	·06	30
31	·08	X	·24	X	-	X	·08	-	X	-	X	·23	31
Total	4·19	·81	1·58	2·37	2·23	2·49	1·39	8·31	1·66	3·38	2·07	2·28	YEAR'S TOTAL 32·76
Rain Days.	26	9	15	19	10	11	10	24	15	20	18	17	194

W. 8 000, IX. 17.

REGISTER OF RAINFALL IN 19 18

FORM A.
BRITISH RAINFALL.
5 . 3 . 19

Kept at Waskerley Reservoir

in the County of Durham

by Weardale & Consett Water Company
Bishop Auckland

Lat. .... Long. ....

Time of Observation ....

Nearest Railway Station ....

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground .... ft. 11 in.

" " " " Sea Level 1178·90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·05	·04	snow ·16	·07	snow ·03	–	–	–	·16	·04	·27	–	1
2	·02	–	–	·04	–	–	–	–	·14	–	·02	·24	2
3	·01	–	·05	·02	–	–	–	·01	–	·06	·08	–	3
4	–	–	·03	–	·23	–	–	·56	–	·18	·46	·03	4
5	–	·07	·36	·02	·69	–	–	·12	–	·20	·02	·06	5
6	·04	·38	·02	·23	·03	·08	–	·07	–	·23	·01	·02	6
7	·09	–	·01	·24	–	–	–	–	·31	·32	·33	–	7
8	·01	·17	snow ·15	–	–	–	06	·26	·27	·04	·16	–	8
9	·04	·39	–	·12	–	–	–	–	·51	·28	·02	–	9
10	·06	·43	·03	·05	–	–	·05	–	·05	·11	·08	·02	10
11	snow. ·18	·10	·03	·02	·30	–	·09	·05	·06	–	–	·07	11
12	–	·18	–	·15	–	–	·23	–	·19	·06	–	·04	12
13	–	·04	–	·26	·13	·02	–	–	·11	·23	–	·03	13
14	·03	–	–	·02	–	·02	·17	–	·44	–	–	–	14
15	–	–	·01	·03	–	·12	·42	–	1·32	–	–	·66	15
16	·02	–	·05	–	–	·11	·92	·05	·86	–	–	·18	16
17	·11	–	–	·03	·08	·07	·53	–	·16	·57	–	·06	17
18	snow. ·90	–	·06	–	–	–	·18	·03	·08	·09	–	·06	18
19	snow. ·29	·04	·06	snow ·17	–	–	·42	·11	·05	·46	–	–	19
20	·48	·27	–	snow ·26	–	·02	·23	·02	·04	·16	–	–	20
21	·26	·34	–	snow. ·02	–	–	–	–	·27	·07	–	–	21
22	·03	·02	–	·01	·09	·12	·06	–	·05	–	–	snow ·23	22
23	·05	–	–	–	·19	–	·28	–	·04	–	·03	·02	23
24	·02	·01	–	–	–	–	·02	·05	·16	–	·02	–	24
25	–	–	–	–	·19	·05	·13	·52	·06	–	–	·09	25
26	–	·10	–	–	·02	·01	·20	·04	·28	–	·03	·02	26
27	–	·09	·05	–	·04	–	–	·53	·51	–	·04	·14	27
28	–	snow ·18	·26	–	–	–	–	·11	·09	·02	–	·41	28
29	–		·02	–	–	–	–	–	·34	–	–	·45	29
30	–	X	·10	–	–	–	–	–	–	·03	–	·26	30
31	–	X	·24	X	–	X	–	·05	X	–	X	snow. ·06	31
Total	2·69	2·85	1·69	1·76	2·02	·62	3·99	2·58	6·55	3·15	1·57	3·15	YEAR'S TOTAL 32·62
Rain Days.	19	17	18	18	12	10	16	16	25	18	14	21	204

W. 8,000, IX. 17.

3353

30 JAN 20

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Waskerley Reservoir
in the County of Durham
by Weardale & Consett Water Coy

Lat. Long.
Time of Observation
Nearest Railway Station
Diameter of Funnel of Rain Gauge 8 in.
Height of top of Gauge above Ground ft 11 in.
" " " " Sea Level 1178·90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·48	Snow ·06	—	—	·10	—	·57	—	·22	·07	·09	·02	1
2	·09	—	·06	—	·03	—	·71	·02	·03	—	·16	—	2
3	Snow ·43	—	—	—	·15	·09	·13	—	—	—	·22	·05	3
4	Snow ·34	Snow ·16	·20	—	·04	—	·03	·12	·02	—	Snow ·28	·08	4
5	·40	Snow ·09	—	·02	·03	—	·03	—	·02	—	·16	·17	5
6	·04	—	·19	—	·52	—	—	—	—	·05	·18	·03	6
7	·05	—	·38	·06	·06	—	—	—	—	—	·02	—	7
8	·14	—	·02	·08	·17	·03	—	·14	—	·03	·35	·11	8
9	·22	—	·08	·04	·02	·03	—	—	—	—	Snow ·34	—	9
10	·03	—	·22	·05	·14	·02	—	—	—	·05	Snow ·19	·25	10
11	—	—	·38	—	·06	—	—	—	·17	·04	·02	—	11
12	—	—	Snow ·42	·05	—	—	·09	—	·26	Snow ·36	Snow ·08	—	12
13	·07	—	Snow ·08	·04	—	·04	·18	·11	—	·31	Snow ·03	—	13
14	·11	·01	·03	·25	—	—	—	·02	—	—	Snow ·31	·05	14
15	·37	·22	·14	·47	—	—	·02	·13	—	·02	Snow ·19	·51	15
16	Snow ·19	·07	—	·04	·02	—	—	—	—	—	Snow ·08	—	16
17	—	Snow ·09	—	·02	·02	—	—	·09	—	—	·25	—	17
18	·05	—	·03	—	—	—	·03	·16	·09	—	·05	·18	18
19	·29	Snow ·10	·18	·04	—	·09	—	·09	·09	—	·28	·03	19
20	—	·28	Snow ·14	—	—	—	·14	—	—	—	—	·18	20
21	—	·16	Snow ·07	—	—	·11	—	·05	—	—	—	·17	21
22	—	·30	Snow ·07	—	—	·02	·03	·02	·03	·01	·07	·04	22
23	·03	—	·02	·10	·03	·02	—	·02	—	1·42	·17	·05	23
24	·03	·02	—	·07	·02	·27	—	—	·11	·41	·34	Snow ·10	24
25	·10	Snow ·15	—	·12	—	·02	—	·80	·17	—	·08	—	25
26	—	Snow ·22	·19	·14	—	·01	—	·32	·14	·07	Snow ·63	·19	26
27	·02	Snow ·03	—	Snow ·22	—	—	—	—	—	Snow ·32	Snow ·18	·07	27
28	·11	—	—	Snow ·17	—	—	—	1·16	—	Snow ·78	Snow ·13	·13	28
29	Snow ·31		—	·06	—	·02	—	—	—	Snow 1·73	—	·02	29
30	·04	✕	·06	—	—	·23	—	—	—	·27	·16	·73	30
31	Snow ·14	✕	·02	✕	—	✕	·18	—	✕	·22	✕	Snow ·11	31
Total	4·08	1·96	2·98	2·04	1·41	1·00	2·14	3·25	1·35	6·16	5·04	3·27	Year's Total 34·68
Days with ·01 in. or more	24	15	21	19	15	14	12	15	12	17	27	22	213

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

26 JAN 1921

REGISTER OF RAINFALL IN 1920.

Kept at Waskerley

in the County of Durham

by Durham County Water Board

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground ft. 11 in.

" " " " Sea Level 1178·90 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	·16	·61	·52	–	·15	–	·06	·18	–	–	1
2	–	–	·07	·30	·10	–	·13	–	·18	·13	–	·27	2
3	·02	·13	–	·31	·03	·12	1·08	·05	·05	·23	–	·30	3
4	–	–	–	·16	·02	–	·20	·45	·05	·98	·01	·49	4
5	–	–	·06	·02	–	–	·09	·18	·03	·17	–	·06	5
6	·04	–	·09	–	·07	–	·08	–	·02	–	–	·09	6
7	·07	–	snow ·05	·01	–	–	·11	–	–	–	·02	·03	7
8	snow ·04	·02	–	·06	·19	–	·45	–	–	–	·03	–	8
9	·08	·37	–	·38	–	–	·05	·02	–	–	–	–	9
10	snow ·94	·67	·03	snow ·48	–	–	·18	·26	–	–	·01	–	10
11	·29	·02	·03	·08	·30	–	·03	–	–	·02	–	·41	11
12	·16	·04	snow ·27	·24	·10	–	·13	–	–	–	·06	snow ·53	12
13	·19	·07	·03	·21	·03	–	·03	–	·05	–	·32	snow ·15	13
14	·06	·03	·25	·20	–	–	·12	–	·02	·14	·69	·07	14
15	·01	·16	snow ·22	·19	–	–	·05	–	–	·20	·08	snow ·04	15
16	·01	–	·02	–	·03	–	·29	–	·31	–	·14	–	16
17	·12	–	·13	–	·13	–	·05	·32	·13	·04	–	–	17
18	·31	·05	·08	–	·20	·09	·02	·19	·16	–	–	–	18
19	snow ·02	snow ·47	–	·11	·08	·03	–	·22	·02	–	–	–	19
20	·07	snow ·08	–	·02	–	–	·02	–	·69	–	·02	·02	20
21	–	–	–	·08	–	–	·09	·32	·07	–	–	–	21
22	·09	–	–	·17	–	–	·11	–	–	–	–	–	22
23	–	–	–	–	–	–	·19	–	–	–	·02	·03	23
24	·02	–	·66	·02	–	–	·22	·05	–	–	–	·07	24
25	–	·02	·15	–	–	·02	·64	·07	–	–	–	–	25
26	–	·08	·55	·13	–	–	·05	–	–	–	·02	·02	26
27	snow ·10	–	·28	snow ·23	·63	·69	·03	–	–	–	·20	·02	27
28	·07	·02	·32	·09	–	·07	·03	–	–	–	·11	·25	28
29	snow ·06	–	·08	·04	1·03	–	·02	–	·01	–	·03	·91	29
30	·11	×	–	snow ·02	·06	–	–	–	·15	–	·06	·16	30
31	·20	×	·03	×	·02	×	–	–	×	·14	×	·08	31
TOTAL	3·08	2·23	3·56	4·16	3·54	1·02	4·64	2·13	2·00	2·23	1·82	4·00	YEAR'S TOTAL 34·41
Days with ·01 in. or more	23	15	21	24	17	6	28	11	16	10	16	20	207
Days with ·04 in. or more	18	10	16	19	12	4	21	10	11	9	8	15	153

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. **Gp.132.** A.&E.W.

DL ✓

449

FORM A2.
BRITISH RAINFALL.
26 JAN 1912

R

WEARHEAD
STATION
DURHAM
1911- 1919

Kept at Wearhea

in the County of Du

by Mr R. Ru

5 in.

ound ft. 6 in.

Level 1104 ft.

me

stance Direction

IMPORTANT NOT he result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01		·65	·03			·03				·48	·09	1
2	·18		·02	·04	·22		·05			·13		·45	2
3			·35	·06	·89					·41	·11	·07	3
4				·16	·14			·90		·07	·58	·48	4
5	·41		·14					·15		·07	·60	·10	5
6			·28	·23				·03	·02		·40	1·13	6
7	·05	·02								·05	·18		7
8	·14		·23	·05		·08					·10	·18	8
9			·01	·10							·31	·82	9
10	·65		·30	·11								1·10	10
11	·24		·14						·29		·05	·34	11
12	·09		·17						·78			·45	12
13			·15								·41		13
14	·53	·29		·06	·19						·22	·36	14
15		·34									·15	·12	15
16		·46	·55			·17	·09				·35	·22	16
17		·20	·42			·47	·02			·09	·44	·52	17
18		1·37	·54	·18		·08				·02	·40	·87	18
19		·27		·41					·40	·19	·15	·74	19
20		·20		·13			·12	·19	·10		·82	·18	20
21	·07	·84		·14		·15	·22	·38		·28	·05	·03	21
22	·38	·94		·13		·19	·02				·33		22
23	·04	·50		·16		·87		·08	·17	·19		·34	23
24	·05	·22	·06	·20	·08	2·66		·02		·34		·67	24
25	·14	·32		·35	·02	·22						·13	25
26				·08		·01		·09	·13	1·18	1·40	·07	26
27	·07	·32		·15				·10	·29	·02		·02	27
28		·52		·21		·02		·10	·38	1·95		·30	28
29			·18	·24		·10			·49	·63		·20	29
30			·03			·05	·03		·29	·08	·09		30
31					·08								31
Total	3·05	6·81	4·22	3·22	1·62	5·07	·58	2·04	3·34	5·70 5·[illegible]0	7·62 8·62	10·01	TOTAL for year ✓ 5·328
No. of Rain Days	15	15	17	21	7	13	8	10	11	16	21	26	✓ 180

9,000, IX. '10.

Dh

449

FORM A2.
BRITISH RAINFALL.
26 JAN 1912

R RAINFALL IN 1911

Kept at Wearhead Station

in the County of Durham 2

by Mr R. Rust

Rain Gauge
Pattern
Diameter of top 5 in.
Height of top above Ground ft. 6 in.
" " " Sea Level 1104 ft.

Time of Observation

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01		·65	·03			·03				·48	·09	1
2	·18		·02	·04	·22		·05			·13		·48	2
3			·35	·06	·89					·41	·11	·07	3
4				·16	·14			·90		·07	·58	·48	4
5	·41		·14					·15		·07	·60	·10	5
6			·28	·23				·03	·02		·40	1·13	6
7	·05	·02								·05	·18		7
8	·14		·23	·05		·08					·10	·18	8
9			·01	·10							·31	·82	9
10	·65		·30	·11								1·10	10
11	·24		·14						·29		·05	·34	11
12	·09		·17						·78			·45	12
13			·15								·41		13
14	·53	·29		·06	·19						·22	·36	14
15		·34									·15	·12	15
16		·46	·55			·17	·09				·35	·22	16
17		·20	·42			·47	·02			·09	·44	·52	17
18		1·37	·54	·18		·08				·02	·40	·87	18
19		·27		·41					·40	·19	} ·15	·74	19
20		·20		·13			·12	·19	·10		·82	·18	20
21	·07	·84		·14		·15	·22	·38		·28	·05	·03	21
22	·38	·94		·13		·19	·02				·33		22
23	·04	·50		·16		·87		·08	·17	·19		·34	23
24	·05	·22	·06	·20	·08	2·66		·02		·34		·67	24
25	·14	·32		·35	·02	·22						·13	25
26				·08		·01		·09	·13	1·18	1·40	·07	26
27	·07	·32		·15				·10	·29	·02		·02	27
28		·52		·21		·02		·10	·38	1·95		·30	28
29			·18	·24		·10			·49	·63		·20	29
30			·03			·05	·03		·29	·08	·09		30
31					·08								31
Total	3·05	6·81	4·22	3·22	1·62	5·07	·58	2·04	3·34	5·70 5·70	7·62 7·62	10·01	TOTAL for year ✓ 5·328
No. of Rain Days	15	15	17	21	7	13	8	10	11	16	21	26	✓ 180

9,000, IX. '10.

88

445

FORM A2.
BRITISH RAINFALL.

25 JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at *Wearhead Station*

in the County of *Durham* 2

by *R. Rust*

RAIN GAUGE: Pattern ...... Diameter of top ...... in. Height of top above Ground ...... ft. ...... in. „ „ „ Sea Level ...... ft.

Time of Observation ......

Nearest Railway Station: Name ...... Distance ...... Direction ......

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·63	·28	·01	·17	·22	·03	·55	·06	·06			1
2	·03	·31	·67		·29	·38		·02	·09	·09			2
3	·26		39			·81	·23	·76	·48			·53	3
4	·28		·51	·32		·45		·46	·25	·07	·29	·13	4
5	·01		·09	·03	·07	·22		·09	·17			·01	5
6	·26	·04				·10		·20	·02				6
7	·23	27	·13	·41		·01		·51	·86		·28	·02	7
8	·40	·21	·02			·01	·08		·02		·05	·15	8
9		·06	·07			·08					·04	·05	9
10	·07			·21	·22	·11	·02				·43	·02	10
11	·13	·21				·07	·27	·34	07		·21	·35	11
12	·06	·22	24		·02	·27	·17		·01		·51	1·52	12
13	·11	·04				·08		·03			·15	1·38	13
14	·18		·01			·09		·01		·17		·94	14
15	·13	·03			·35	·33				·17			15
16	·32	·01	·32		·27	·07				·17		·40	16
17	·17	·22	·17		·07	·33		·27		·03		·04	17
18		·20	13			·08				·19	·06	·46	18
19	·09	·48	29		·12	12	·42	·19		·19	·16	·06	19
20			09		·56	·08	·18	·17		·21	·01		20
21			·13		·03	·10		·17		·51		·10	21
22	·15	·33	·05		·13			·22		·03		·05	22
23		·01	·02			03	·19	·70		·11		·11	23
24	·50		·01		·10	·30		·23			·10		24
25	·27	·05	·06			26	·15	·31			1·10	·20	25
26	·05	·37	26			·01	·10	·06		1·25	1·50	·40	26
27		·09	·21			·49	·50			·22	·10	1·30	27
28		·15	·08				·31	·38	·15	·57			28
29		·28	1·00				·01	·15	·70	·31		·42	29
30			·25		·08	·15		·02	·20	·37		·14	30
31			·13				·76	·21				·08	31
Total	3·70	4·21	5·61	·98	2·48	5·25	3·42	6·05	3·08	4·72	4·99	8·86	TOTAL for year 53·35
No. of Rain Days.	20	21	26	5	14	27	15	23	13	18	15	24	221

W. 8,000, X. '11.

DL

Card for arith 13.IV.14

REGISTER OF RAINFALL IN 1913

~~W~~ DL

458

FORM A.
BRITISH RAINFALL.

31 JAN 1914

Kept at Wearhead Station

in the County of Durham

by R. Rust

Lat. .... Long. ....

Time of Observation ....

Nearest Railway Station ....

Diameter of Rain Gauge – in.

Height of top of Gauge above Ground .... ft. .... in.

" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			·24						·03	·05	·03	·11	1
2		·17	1·16	·02						·02	·45	·26	2
3	·29	1·39	·03		·45		·12		·04		·12	1·64	3
4	·45	·13	·16			·24			·23	·21	·10		4
5	·52		·32							·14		·19	5
6	·06	·97	1·07		·40	·04	1·10			·03	·08		6
7	·01	1·12	·10				·02			1·21			7
8		·16	·09		·60	·19		·04	·07	·50		·20	8
9		·05	·51	·10	·53	·91					·32	·05	9
10	·04		·41	·30	·29	·11				·06		·02	10
11			·04		·03	·31				·06	·28	·09	11
12			·04						1·02		·24		12
13	·22		·40						·21	·17	·27		13
14	·29		·27	·15			·06	·02		·15	·27	·08	14
15			·93	1·00				·05			·46	·14	15
16	·08		·10	·29			·02				·35		16
17		·07	·09	·34			·02				·26		17
18			1·03	·55	·16	·15					·35		18
19	·63		·06						·75	·06	·95		19
20	·40		·46		·02				·38	·28	·70		20
21			·25	·17				·53		·07			21
22			1·11			·09	·08	·12		·03			22
23	·48		·05		·07	·15	·02	·28	·13		·05	·06	23
24	·47			·08		·15						·07	24
25				·70					·25		·05	·59	25
26	·40	·15		·90					·61	·10	·03	1·09	26
27			·30	·40	·06	·05				·31			27
28			·20	·65	·02	·04						·20	28
29			·50	·30				1·46		·13			29
30	·65							·02		·05			30
31	·26									·01			31
Total	5·25	4·21	9·92	5·95	2·63	2·43	1·44	2·52	3.72 3·72	3·64	5·36	4·79	YEAR'S TOTAL 51·86
Rain Days.	16	9	26	15	11	12	8	8	11	20	19	15	170

W. 7,500, XI. 12

Dl H M cnd for auth 13.IV.15 440

FORM A. BRITISH RAINFALL.

28 JAN 1915

REGISTER OF RAINFALL IN 1914

Kept at Wearhead Station

in the County of Durham 2

by R. Rust

Lat. .... Long. ....

Time of Observation ....

Nearest Railway Station ....

Diameter of Rain Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following. ☐

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·48	·38	·02				·31	·50		·02	·19	·52	1
2	·01	·27	·11	·09				·22		·09	·70	·58	2
3	·18	·29	·22		·30							1·53	3
4	·93		·33	·23	·40	·11					·18	1·58	4
5			·06	·73	·39			·10			·42	·46	5
6			·06	·38		·17					·03		6
7		·27	·35	·20	·21	·12					·02	·33	7
8	·39	·19		·04	·45	·80		·25	·13		·08	·47	8
9	·50	·21		·66		·93		·39			·41	·08	9
10		·40			·05	1·53			·25		1·73		10
11		·11	·17		·12	·06			·09		·03	1·45	11
12		·70	·14		·05		·32		·16		·75	1·50	12
13		·30	·44	·10					·08	·10	·19	·73	13
14	·16	1·17	·22						·25			·30	14
15		·38	·30				·09		·13		·72	·03	15
16							·50		1·18			·17	16
17	·32	·12	·21			·16			·30			1·49	17
18		·37	·07			·83	·07		·15		·12		18
19		·11					·12		·16				19
20		·45	·32										20
21		·52				·28				·10	·21		21
22		·31									·03	·12	22
23			·15		·28	·04	·03	·07					23
24	·25			·40	·21		·24						24
25	·34		·40		·07			·11		·46	·22	·45	25
26			·10				·02			·11		·45	26
27	·06	·06									·85	·20	27
28		·31	·36		·04				·07		1·32		28
29	·29		·07					·50		·72	1·33		29
30	·22									·20	·38	1·05	30
31	·72		·27		·05		·35						31
Total	4·85	6·92	4·37	2·83	2·62	5·03	2·05	2·14	295	1·80	9·91	13·49	YEAR'S TOTAL 5876
Rain Days.	14	20	21	9	13	11	10	8	12	8	21	20	167

W.7,000, XI. 13

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cnd for faults 9. V. 16

3734
~~42~~

REGISTER OF RAINFALL IN 1915

FORM A.
BRITISH RAINFALL.

Kept at Wearhead ~~W. 82~~

in the County of Durham

by R. Rust

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·35	·74	·08	·09	·15		·12	·48	·18			·13	1
2		·82				·05	·02	·58					2
3	·42	·03	·25	·13			·18	·01				1·00	3
4	·15	·11	·15	·31		·03		·24			·05		4
5		·69	·39		·15			·04			·17	1·23	5
6	·04	·20	·11	·27							·18	·31	6
7	·38	1·80	·05	·48		·06	1·33				·30	·17	7
8	·17	·09		·07			·36	·19			·65		8
9							·24	·12		·02		1·06	9
10	·97		·02					·02			·37	·30	10
11	·31	·10			·68	·12	·03				·13		11
12	·07			·13				·01		·11	1·37		12
13	·45	·30						·12	·03			·31	13
14	·39	·02		·05	·07						·19	·09	14
15	·67						·27	·86				·16	15
16		·81		·03			·30	·07					16
17		·31		·13					·04			·06	17
18		·14	·22					·01		·09			18
19	·09	·07	·19		·07		·34			·05			19
20	·17						·22	·01				·56	20
21	·12			·30								·15	21
22	·12			·04			·15			·04		·21	22
23		·30		·05						·09		·25	23
24			·24				·11		·70	·27		·22	24
25				·03		·05			·02	·05		·02	25
26		·18				·07	·05		·05			·57	26
27		·49					·24			·37		·10	27
28		·19	·09		·37		·28	·36				·06	28
29					·17	·43		·02	·18		·32	·38	29
30		✕									·02	·27	30
31		✕		✕		✕		·35	✕		✕	1·21	31
Total	4·87	7·39	1·79	2·11 2·14	1·66	·81	4·24	3·49	1·20 1·02	1·09	3·75 2·75	8·82 9·82	YEAR'S TOTAL 41·22 41·92
Rain Days.	16	19	11	14	7	7	16	17	7	9	11	23 24	157

W. 8,000. X. 14.

Dl ✓ [illegible] ff Dl

3668
~~381~~

FORM A.
BRITISH RAINFALL.
30 JAN 1917

REGISTER OF RAINFALL IN 1916

Kept at Wearhead Station

in the County of Durham

by R. Rust

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	1.00		·49			·50	·52	·03			1.32		1
2	·22	·15				·22	·04		·44	·09	·25	·03	2
3	·13	·24				·15	·02	·02	1·35	·20	·24		3
4	·28	·01			·77	·17	·13		·35	·53	·32		4
5	·23	·32			·74	·35	·17			·97	·48		5
6	·64	·90		·11	·37	·17	·07			·54	·47	·02	6
7	·03	·21			·56	·12	·88			·28	·33	·21	7
8		·06		·07	·04	·15					·34		8
9	·06		7·40		·14	·05				·80	·12	·78	9
10	·27	·04		·21	·02	·14	·21			·60	·03	·12	10
11	·03			·55		·06	·10		·03	·32	·03	·12	11
12	·17	·95		·23	·12	·26	·26						12
13		·18		·04			·13	·24	·02	·66		·32	13
14	·06	·16			·30			·14		·70			14
15	·14	·94		·16			·01	·50	·03	·03			15
16		·12	·08	·24	·05		·02	·08				·28	16
17	·15	·14		·31				·47	·32	·19	0·01		17
18	·15	·35	·07	·75				·13	·45		·93	·08	18
19	·78		·05	·34				·02	·04		1·73		19
20	·53			·22			·06	·04			·18	·30	20
21	·52	·04	·19	·05									21
22	·02		·20	·02						·19	·02	·24	22
23	·30	·15		·05						·28	·40	·21	23
24	·13	·02	·21	·23		·33		·24		·28	·48	·14	24
25	·07	·13	·22		·10	·05		·32			·11	·06	25
26	·25	·23	1·02			·03	·91	·12		·16	·08		26
27	·01	·11			·10			·27	·08	·52		·09	27
28	·27	·46										1·16	28
29	·02	·87	·03		·10					·36	·26	·08	29
30		X			·02	·18	·05				·06	·23	30
31		X		X	·43	X			X	1·29	X	·26	31
Total	6·46	6·78	9·96	3·58	3·86	2·93	3·58	2·62	3·11	8·99	8·19	4·73	YEAR'S TOTAL 64·79
Rain Days.	26	23	29	16	15	16	16	14	10	20	22	19	223

W. 8,000. X. 15.

3516

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1917

Kept at Wearhead Station

in the County of Durham

by R. Rust

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·06					·03		·50	·56			·16	1
2	·52			·61				·21	·07	·06	·20	·04	2
3	·08	·09		·18		·24			·01	·50	·07		3
4										·07			4
5			·02								·60		5
6	·38		·03	·21	·01			·01			·50		6
7			·06			·24		·08		·50			7
8				·06		·03		1·04		·60	·34	·50	8
9								·60		·25	·33		9
10			·50	·10	·45			·05					10
11				·31	·02					·25			11
12			·02	·13	·27			·25				·02	12
13				·44	·21	·01		·86	·52	·16		·25	13
14				·18	·29	·03		·44	·05				14
15			·01	·18	·70		·05	·04		·08			15
16		·18	·01	·21				·76	·07	·02	—		16
17		·08	·03	·35	·13		·05	1·12	·11	·10			17
18	4·00		·11	·02	·18		·18	·28	·42		·04	1·02	18
19		·09	·38		·26	·02		·02			·03		19
20		·12	·10	·02	·02	·67		·28	1·30	·02	·22		20
21		·09	·10					·01	·05	·01			21
22		·02						·06		·64	·03		22
23		·02			·12	·16		·36		·21			23
24			·02							1·31	·92		24
25		·08	·12		·03			·31	·03	·76			25
26						·04	·05	·51	·27		1·25	·41	26
27						·02		·67					27
28		·01	·45					·27			·31		28
29					·30		·42	·06	·02	1·17	·17		29
30		X		·02						·30	·51	·20	30
31		X	·20	X	·07	X	·16	·42	X		X	·03	31
Total	5·04	·78	2·16	3·02	3·06	1·49	·91	9·21	3·48	7·01	5·52 ~~5·15~~	2·63	YEAR'S TOTAL 44·31 ~~43·94~~
Rain Days.	(29) ~~29~~	10	16	15 ~~19~~	15	11	6	25	13	19	15	9	(183)

W. 8,000, VIII. 16

87

~~343~~ 19

REGISTER ~~#08~~ OF RAINFALL IN 1918

FORM A. BRITISH RAINFALL.

22. 1. 19

Kept at Wearhead Station

in the County of Durham

by R. Rust

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1									·28	·03	·32		1
2			·40		·08					·12	·02		2
3		·17			·06					·54			3
4			·13		·14				·16	·40	·75		4
5		·55	·21	·12	·39			·32		·59			5
6	·05	·23	·02	·23		·09		·03		·85			6
7		·26		·23			·04		·11	·27	·67		7
8	·16	·77	·15				·06	·18	·32	·24	·26		8
9		·94		·02		·04			·50	·25	·14		9
10	·40	1·48	·04	·03			·24		·23	·20	·75		10
11	·30		·02		·21		·08		·03				11
12		·25		·03					·27				12
13				·31	·10	·05			·13	·23			13
14			·01	·02	·02	·25	·27		·40				14
15			·03	·07		·13	·44		2·55				15
16			·01			·04	·57	·20	·91	·10			16
17	·09					·17	·88	·12	·25	·70			17
18	·50		·18				·25		·13	·25			18
19	·78	·06	·03	·26			·30	·17	·11	·36			19
20	1·60	·23		·06	·06	·13	·25	·01	·11	·05			20
21		1·05				·16			1·06	·06			21
22				·02	·34		·07		·37				22
23	·10	·08				·02	1·29		·22		·02		23
24	·18							·10	·12				24
25		·55			·35	·02	·12	·44	·08				25
26					·02		·08	·08	·20				26
27		·26	·24					·40	1·02		·05		27
28			·44					·20	·20				28
29			·03						·14				29
30		X	·01							·10	·02		30
31		X	·20	X		X		·41	X	·01	X		31
Total	4·16	6·88	2·15	1·40	1·77	1·10	4·94	2·66	9·90	5·35	3·00	(5·00)	YEAR'S TOTAL (48·31)
Rain Days.	10	14	17	12	11	11	15	13	25	19	10		

W. 8,000, IX. 17.

Jl

and [illegible]

3344 ~~319~~

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1919

Kept at Wearhead

in the County of Durham

by O. M. Harwood

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1								3.06					1
2								.09					2
3					·15								3
4					·16								4
5					·04								5
6					·07								6
7					·10								7
8					·35			·12					8
9					·02								9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18								·63					18
19													19
20													20
21													21
22													22
23													23
24				·19				1.09					24
25				·25	·03			·35					25
26				·45				·03					26
27				·30									27
28								1.07					28
29				·15									29
30													30
31													31
Total				imp	·92	306		3.38 ~~6.14~~					YEAR'S TOTAL
Rain Days.					~~8~~ 9			~~8~~					

W.7,000, XI. 18

Corr for W D. 18.IV.12

REGI 11.

FORM A2.
BRITISH RAINFALL.

7 FEB 1912

Kept at W. Hartlepool W

in the County of Du

by Hartlepool T

sella (square to

10 in.

ove Ground 1 ft. 0 in.

„ Sea Level 35 ft.

10 am

Name W. Hartlepool
Distance 1/2 mile Direction SSE

—

DURHAM.

WEST HARTLEPOOL. W.W.

1911 – 1920

IMPORTANT NOTE.- and the result entered to the previous day. If an Obse universal rule, he is earnestly requested to add the readin year in the space provided for it at the end of this rement of rain, the selection and placing British Rainfall Organization are given in " on application to Dr. H. R. Mill, 62, Camden Square, London,

Jan. 1, following.
·02.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1					·055	·020	·050						1
2	·015							·070		·080	·010		2
3	·070		·020		·015		·365			·035			3
4	·105		·200	·065	·070					·070	·030	·020	4
5	·070			·290				·140		·045		·145	5
6	·020		·050							·040	·265		6
7	·040		·095	·075				·500		·025		·130	7
8			·030								·015		8
9			·225			·185				·020	·070	·015	9
10				·040									10
11	·020	·080		·001								·355	11
12	·300				·040	·040			·030				12
13	·180		·950		·135	·090			·740		·440	·010	13
14		·045	·210			·100		·040			·060	·370	14
15		·165	·210		·150							·230	15
16			·130							·010	·140	·145	16
17			·290	·170			·135				·205		17
18			·140								·070	·085	18
19						·420						·065	19
20		·210	·050			·120	·020		·050	·340	1·010	·045	20
21		·150					·250	·565			·075	·095	21
22		·110		·035				1·040			·060		22
23	·225	·080				·025		·400		·055	·130		23
24	·025	·120		·010		1·250	·025			·050			24
25		·030	·040						·150	·080			25
26				·025		1·370			·160	·235			26
27		·100		·035	·100	·015				·565	·520	·190	27
28		·055	·040	·135				·175	·060	·065		·035	28
29			·030	·170		·001	·140					·080	29
30								·075		·250		·025	30
31	–	–	–	~~·055~~	~~·020~~	~~·050~~	·110	–		·075	–	~~·020~~	31
Total	1·070	1·145	2·710	~~1·051~~ 1·106	~~·565~~ ·530	3·636 3·666	~~1·095~~ 1·045	3·005	1·190	2·040	3·100	~~2·040~~ 2·060	TOTAL for year ~~22·64~~ 22·667
No. of Rain Days	11	11	16	~~11~~ 12	7	11	~~8~~ 7	9	6	17	15	~~17~~ 18	~~139~~ 140

9,000, IX. '10.

Corr for W D. 18.IV.12

REGI 11.

FORM A2.
BRITISH RAINFALL.

7 FEB 1912

Kept at W. Hartlepool Waterworks.
in the County of Durham.
by Hartlepool Gas & Water Company

sella (square top)

RAIN GAUGE: Diameter of top 10" in.
Height of top above Ground 1 ft. 0 in.
" " " Sea Level 35 ft.

Time of Observation 10 am

Nearest Railway Station: Name W. Hartlepool
Distance 1/2 mile Direction SSE

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ·02.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1					·055	·020	·050						1
2	·015							·070		·080	·010		2
3	·070		·020		·015		·365			·035			3
4	·105		·200	·065	·070					·070	·030	·020	4
5	·070			·290				·140		·045		·145	5
6	·020		·050							·040	·265		6
7	·040		·095	·078				·500		·025		·130	7
8			·030								·015		8
9			·225			·185				·020	·070	·015	9
10				·040									10
11	·020	·080		·001								·355	11
12	·300				·040	·040			·030				12
13	·180		·950		·135	·090			·740		·440	·010	13
14		·048	·210			·100		·040			·060	·370	14
15		·165	·210		·150							·230	15
16			·130							·010	·140	·145	16
17			·290	·170			·135				·205		17
18			·140								·070	·085	18
19						·420						·065	19
20		·210	·050			·120	·020		·050	·340	1·010	·045	20
21		·150					·250	·565			·075	·095	21
22		·110		·035				1·040			·060		22
23	·225	·080				·025		·400		·055	·130		23
24	·025	·120		·010		1·250	·025			·050			24
25		·030	·040						·150	·080			25
26				·025		1·370			·160	·235			26
27		·100		·035	·100	·015				·565	·520	·190	27
28		·055	·040	·135				·175	·060	·065		·035	28
29			·030	·170		·001	·140					·080	29
30								·075		·250		·025	30
31	–	–	–	~~·055~~	~~·020~~	~~·050~~	·110	–		·075	–	~~·020~~	31
Total	1·070	1·145	2·710	~~1·051~~ 1·106	~~·565~~ ·530	3·636 3·666	~~1·095~~ 1·045	3·005	1·190	2·040	3·100	~~2·040~~ 2·060	TOTAL for year ~~22·6~~ 22·667
No. of Rain Days	11	11	16	~~11~~ 12	7	11	~~8~~ 7	9	6	17	15	~~17~~ 18	~~139~~ 140

9,000, IX. '10.

Cnd for W.D. 19.11.13

REGISTER OF RAINFALL IN 1912.

FORM A.
BRITISH RAINFALL.

24 JAN 1913

Kept at Waterworks : West Hartlepool
in the County of Durham
by Hartlepool Gas & Water Co.

Lat. 54° 41' 30" Long. 1° 12' 45" (W.)
Time of Observation 9 A.M.
Nearest Railway Station West Hartlepool
Diameter of Rain Gauge 10 ins.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 35 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
NIL

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1				·275		·035	·820	·490		·055	·045		1
2		·140	·010				·350	·190	·150	·205		·075	2
3	·035	·065				·355	·160	·415		·250			3
4	·090		·020			·490	·010		·200	·030		·170	4
5	·075	·015	·140			·625					·340		5
6			·010	·010	·165	·110		·410			·010		6
7		·225				·025							7
8	·340	·020			·105								8
9	·110	·070							·440		·130		9
10		·025				·205			·075				10
11	·025		·020	·060	·010				·035		·105		11
12		·030							·020		·635	·045	12
13	·055	·165	·040				·360		·010		·510		13
14								·075		·040	·285	·030	14
15	·080		·315			·110		·065					15
16			·175		·600							·205	16
17	·160	·015			·035		·015			·080			17
18			·215			·470							18
19	·035	·105					·165	·120		·025			19
20	·095	·355	·015			·010	·105	·185					20
21		·020			·240	·100				·275			21
22	·190		·060		·090		·115				·015		22
23		·050	·040		·420			·075		·105			23
24	·180					·405	·055 ·085	·440		·355			24
25	·450						·270			·010	·100		25
26	·165		·020			·305		·385			·020		26
27	·015	·035	·055			·025	·150	·110			·050	·190	27
28						·225				·720	·075	·250	28
29		·010		·065	·055	·100	·540	·450		·205	·105		29
30	·015		·105				·030		·335			·010	30
31	·070				·010			·025		·140		·020	31
Total	– ~~2·185~~ 2·185	– ~~1·345~~ 1·345	·275 ~~1·240~~ 1·515	– ~~·110~~ ·135	·035 ~~1·770~~ 1·765	·820 ~~3·595~~ 4·380	·490 ~~3·145~~ 2·815	– ~~3·435~~ 2·945	·055 ~~1·265~~ 1·320	·045 ~~2·495~~ 2·485	– ~~2·425~~ 2·380	– ~~·995~~ ·995	YEAR'S TOTAL 24·265
Rain Days.	18	16	~~15~~ 16	~~4~~ 3	~~10~~ 11	16	14	~~14~~ 13	~~8~~ 9	14	~~14~~ 13	9	~~152~~

W. 7,500, XI. ·12 (See marginal note on smaller form)

Corr for WP 13.IV.14

REGISTER OF RAINFALL IN 1913

FORM A.
BRITISH RAINFALL.

15 JAN 1914

Kept at Water-works. W. Hartlepool.
in the County of Durham.
by Hartlepool Gas & Water Co.

Lat. 54°41′30″ Long. 1°12′45″ (W)
Time of Observation 10·0 a.m.
Nearest Railway Station W. Hartlepool.
~~Diameter of~~ Rain Gauge 10″ square.
Height of top of Gauge above Ground — ft. 12″ in.
" " " " Sea Level 35′ ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. NIL.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·025							·020			·035	1
2	0·000			·315					·170				2
3	0·020		·025							·030	·025		3
4							·205		·015				4
5	·525					·065		·020	·070		·030	·080	5
6						·040		·030		·075	·010		6
7		·160	·155		·245	·475	·135				·015		7
8		·075								1·900			8
9					·490	·090			·140	·070			9
10		·060	·030	·075	·100	·035					·145		10
11		·010	·065				·010	·080			·375		11
12				·510	·135	·035					·040		12
13	·775							·015	·115	·010	·010		13
14	·035							·075		·035	·110		14
15		·095	·075	·020			·075		·060	·040			15
16	·035			·085				·030					16
17			·100								·040	·060	17
18			·145	·030		·025	·005				·045		18
19			·145	·200	·020	·040					·035	·020	19
20	·040	·035	·020		·055				·075				20
21	·420			·030				·010		·190	·270		21
22	·035		·045				·015	·240	·080			·010	22
23	·025				·085	·010	·010	·255	·055	·045			23
24	·110					·160	·030		·045		·045		24
25	·135					·230		·025					25
26			·265	·020					·350				26
27									·205	·220	·160	·355	27
28		·060	·020	·300	·075	·150				·010	·010		28
29	·260		·060	·455								·340	29
30				·140	·020			·405				·560	30
31	·190		·280		·300					·330			31
	·025	—	—	—	—	—	—	·020	—	—	·035	—	
Total	~~2·605~~	~~0·520~~	1·430	2·180	1·525	1·355	·485	~~1·155~~	~~1·400~~	2·955	~~1·365~~	~~1·460~~	YEAR'S TOTAL 18·435
	2·63	·495						1·175	1·38		1·40	1·425	
Rain Days.	~~13~~ 14	~~8~~ 7	14	12	10.	12.	8.	~~11~~ 12	~~13~~ 12	12	~~16~~ 17	~~8~~ 7	137

W.7,000, XI. 13

Exd DL

Cnd for W.D.. 13.IV.15

REGISTER OF RAINFALL IN 1914

FORM A.
BRITISH RAINFALL.
29 JAN 1915

Kept at Waterworks ~ West Hartlepool
in the County of Durham
by Hartlepool Gas & Water Co.

Lat. 54°41'30" Long. 1°12'45"(W)
Time of Observation 10 A.M.
Nearest Railway Station West Hartlepool
Diameter of Rain Gauge 10 in., (sq.)
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 35 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
Nil

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		(·12)			.050			.165			(·30)	.110	1
2		·075 ~~.195~~	.015				.535			.025	.390	.070	2
3	.065			.020		.020	.865			.010		.119	3
4					.210		.010	.195			.270	.410	4
5					.015					.005	.190	.170	5
6			.095	.065	.035	.025		.045			.260		6
7		.010		.040	.030		.030	.080			.010	.020	7
8					.150	.230		.030				.019	8
9	.415		.200		.335	.500				.030	.010	.020	9
10	.255	.035				1.300		.015	.485		.060	.030	10
11		.050	.020	.020			—		.090		.100	.010	11
12	.115	.035	.075		.080	.235	—		.020		.100	.470	12
13	.015	.015									.030		13
14	.065	.105	.105						.120			.700	14
15	.040					.010	.015			.010		.080	15
16	.030	.140	.270			.015	.285				.400		16
17	.085		.025				1.775		1.050		.150		17
18		.050	.015				.015		.085		.010		18
19	.060	.070	.025			.160			.160				19
20	.015						.285			.020	.100		20
21	.035	.070	.505				.015		.100	.030		.240	21
22	.015					.390				.030		.010	22
23		.250	.095		.320	.150				.160	.280	.280	23
24		.025	.025	.020		.230		.020		.010	.300	.030	24
25				.060	.400			.035			.210		25
26		.035						.010		.430	.040		26
27			.095				.110	.090		.240	.030		27
28	.020						.050			.010	.160	.620	28
29								.010				.110	29
30	.015	✕	.040		.010					.470	.110	.010	30
31		✕	.015	✕		✕		.310	✕	.110	✕	.080	31
	(·12)	–	–	·05	–	–	·165	–	–	(·30)	·11	–	YEAR'S TOTAL
Total	~~1.245~~	~~1.085~~	~~1.620~~	~~.225~~	~~1.635~~	~~3.265~~	~~3.990~~	~~1.005~~	~~2.110~~	~~1.590~~	~~3.210~~	~~3.580~~	24.560
Rain Days.	1·37 ~~15~~	·96 ~~14~~	1·62 ~~16~~	·28 ~~6~~	1·58 ~~11~~	3·27 ~~12~~	4·15 ~~12~~	·84 ~~12~~	2·11 ~~8~~	1·89 ~~15~~	3·32 ~~21~~	3·47 ~~21~~	~~162~~ 162

W. 8,000. X. 14.

No readings taken at this Station between 10 A.M. Saturdays & 10 A.M. Mondays

HARTLEPOOL GAS & WATER Co

REGISTER OF RAINFALL IN 1915

FORM A. BRITISH RAINFALL.

corrected for WD 11-v-16

28 JAN 1916 (W

Kept at West Hartlepool (Waterworks)

in the County of Durham

by Hartlepool Gas & Water Co.

Lat. 54° 41' 30" Long. 1° 12' 45"

Time of Observation 10 a.m.

Nearest Railway Station West Hartlepool

~~Diameter of~~ Funnel of Rain Gauge 10 in. 5 square

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 35 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
Not separately taken

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		·120	·170		·125				·380	·110	·020	·020	1
2		·130					·025		·360	·010	·050	·180	2
3		·240	·270	·030	·095	·068	·015	·420	·170		·240	·030	3
4	·610		·090								·120	·930	4
5	·080		·010				·260				·190	1·490	5
6	·100	·080	·020							·020	·020	·070	6
7	·060			·150			·790	·120	·010				7
8	·130	·280	·100				·025			·010			8
9	·020					·135	·070	·180			·070		9
10							·025	·220			·030	·480	10
11	·200	·010	·060					·750				·140	11
12	·080	·220			·755		·150				·040		12
13	·200			·255			·025	·200			·600	·230	13
14	·010						·025					·110	14
15	·020	·280			·030		·025					·030	15
16	·070	·060					·210	·160				·070	16
17		·080					·490				·280		17
18	·250	·130	·090						·050		·070	·080	18
19		·060	·250				·020			·315	·040		19
20		·080	·005				·070			·015		·030	20
21	·050			·030				·020	·050	·025		·530	21
22	·040	·010		·095								·070	22
23	·050											·170	23
24		·170	·005	·045			·020		·030			·100	24
25	·140		·160						·300				25
26	·020		·010	·050		·280				·130	·280		26
27		·020	·085	·015			·095		·100	·020	·020		27
28	·020					·035	·015		·010	·320		·730	28
29	·010		·080		·400				·580	·290		·030	29
30	·010	✕						·530	·110	·010	·180	·120	30
31		✕		✕	·395	✕			✕		✕		31
Total	·12 ~~2·170~~	·17 ~~1·970~~	– ~~1·405~~	·125 ~~·670~~	– ~~1·800~~	– ~~·518~~	– ~~2·355~~	·380 ~~2·600~~	·110 ~~2·150~~	·020 ~~1·275~~	·020 ~~2·250~~	– ~~5·640~~	YEAR'S TOTAL ~~24·80~~
Rain Days.	2·290 ~~21~~	2·[illegible]20 ~~16~~	1·235 ~~15~~ 14	·795 ~~8~~	1·675 ~~6~~	·518 ~~14~~	2·355 ~~18~~	2·980 ~~9~~	1·880 ~~12~~	1·185 ~~12~~	2·250 ~~16~~	5·620 ~~21~~	24·803 ~~158~~

W. 8,000. X. 15. Sundays & holidays not separately taken at this station. AWH cwd for W.D

Esd HD.

3660

18 JAN 1917

HARTLEPOOL GAS AND WATER COMPANY.

1st Jan 1917
NIL

REGISTER OF RAINFALL IN 1916

At Waterworks : West Hartlepool Co Durham

Time of observation 10 a.m.*

Latitude 1° 12' 45" (W)
Longitude 54° 41' 30"

Height of Receiver of Rain Gauge.
Above Ground 12"
Above Sea Level 35 ft.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
1		.030	.180		.020	.020	.050					
2		.030	.210			.070				.120	.100	
3		.030	.120				.330			.030	.020	
4	.320	.040	.100	.090			.180	.070	1.600	.050	.010	.030
5		.120			.650	.190	.130			.710	.050	.050
6	.100		.500		.170	.150			.010	.310	.230	.020
7		.370	.330	.020		.010	.180		.010	.030	.090	
8			.170		.550	.350	.100		.010			.270
9			.100		.010	.180				.060		
10	.070		.080		.100	.010	.010				.010	
11	.020		.100	.090		.000	.130			.010	.010	.720
12	.030	.430		.110	.060	.120	.280		.200	.020		.260
13			.630		.480	.020	.650			.010		.270
14		.090	.250				.050	.360	.050	.300	.050	.210
15		.140	.030	.050	.110	.060		.160				.030
16		.150	.160					.720		.130		.070
17			.210	.090			.150	1.470		.040		
18	.030		.010	.080	.040		.005	.150	.180	.140	.080	.100
19		.290		.200		.030	.020	.210	.160	.100	}	.090
20	.050		.060	.150					.080		2.010	.020
21	.030	.050	.190				.370	.100			.070	
22		.040	.040	.050	.070		.010				.010	
23		.110	.030			.020				.060		
24		.010	.020			.010	.010				.010	
25		.010	.080				.010	.260	.010	.040		.360
26		.040		.050	.050	.500	.005	.320	.010	.030		.040
27	.190		.100		.090	.010			.010	.010	.190	
28		.360			.000	.010		.810		.070		.020
29	.020	.100				.010		.050	.020		.010	.180
30								.010		.130		.010
31					.020					.120		
	.030	.180	–	.020	.020	.050	–	–	–	–	–	(–)
Totals	.860	2.440	3.700	.980	2.420	1.770	2.670	4.690	2.350	2.470	2.950	2.750
*9 a.m. is most usual.	.89	2.59	3.52	1.00	2.42	1.80	2.62	4.69	2.35	2.47	2.95	2.75 YEARS TOTAL 30.05
RAIN DAYS	14	19	22	12	14	18	14	13	13	22	14	18 TOTAL 196

3508

FORM A. BRITISH RAINFALL.

18 JAN 1918

REGISTER OF RAINFALL IN 1917

Kept at Waterworks: West Hartlepool

in the County of Durham

by Hartlepool Gas & Water Co.

Lat. 54° 41' 30" Long. 1° 12' 45" W

Time of Observation 10 AM

Nearest Railway Station West Hartlepool

Diameter of Funnel of Rain Gauge 10 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 351 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·04

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·02				·40		·56	·34		·14		1
2			~~·45~~	·45		·01		·31					2
3	·08		~~·17~~	·17						·03	·02		3
4													4
5			·01								·03		5
6											·03		6
7			·03						·01				7
8	·78		·04						·06	·29	·06		8
9	·48	·02								·05	·50		9
10	·10		·62		·06					·12	·19		10
11	·08		~~·05~~	·05	·02	·01		·41		·08			11
12	·06	·03	·02	·14	·17					·34		·09	12
13	·65		~~·02~~	·02		·11			·07	·20			13
14			·01	·15	·78		·08					·08	14
15	·53				·05				·03			·54	15
16	·12			·24		·44							16
17	·07	·01		·10	·06				·01			·36	17
18	·07			·10	·16		·16	·14				·01	18
19	·01	·13	·20		·14	·03							19
20	·13	·24	·03	·02		·60			·14		·35	·17	20
21		·22	·12					·12					21
22	·17		·20					·03		·06			22
23		·04			·20			·11			·04		23
24		·01	·10				·10	·02		·30	·28	·46	24
25						·27	·01	·96					25
26			·16			·11			·18	·03	·21		26
27	·01		·22			·11	·51	·43		·06		·17	27
28			·09				·22	·32				·15	28
29								·21		·16			29
30			·30	·03						·03	·01	·07	30
31	·38		·03					·08					31
Total	3·72	·92	2·18	1·47	1·64	2·09	1·08	3·70	·84	1·95	1·86	2·10	YEAR'S TOTAL 23·55
Rain Days.	16	9	16	11	9	10	6	13	8	13	12	10	132

W. 8,000, IX. 17.

Etd. E.F.E. 10

WD

REGISTER OF RAINFALL IN 1918.

FORM A. BRITISH RAINFALL.

Kept at Waterworks: West Hartlepool

in the County of Durham

by Hartlepool Gas & Water Co.

Lat. 54°41'30" Long. 1°12'45"

Time of Observation 10 a.m.

Nearest Railway Station West Hartlepool

Diameter of Funnel of Rain Gauge 10 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 35 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·11

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1										·060			1
2	·07		·02						·25	·070	·090	·110	2
3	·02	·02		·34					·02	·010		·190	3
4		·04	·03		·03					·130	·230	·015	4
5			·06						·03	·060	·080	·050	5
6			·16	·04	·64			·05			·015	·010	6
7	·01	·20	·03			·13		·30	·01	·170		·010	7
8	·01	·04	·11	·52			·05			·020	·040		8
9				·01					·05	·030	·115	·010	9
10	·25			·02					·80	·070		·010	10
11		·33	·01	·01			·34		·01	·100	·020	·010	11
12	·25	·08	·05	·01			·37	·005		·005		·120	12
13		·10	·01	·01	·27		·09					·050	13
14		·20		·04	·25				·08	·180			14
15	·02			·03		·04	·04			·015	·010		15
16				·01			·50		1·70			·860	16
17					·01	·03	·12	·16	·13			·250	17
18	·04				·10		·09		·47	·005		·160	18
19	·05			·01		·01	·49	·01	·015	·275		·110	19
20				·11			·32	·15	·12			·030	20
21	·19	·42		·15		·05			·14	·500			21
22	·01					·02	·40			·070	·030		22
23	·14				·03		·03		·15			·450	23
24					·46		·03		·08		·015		24
25		·01	·01			·01	·26		·15	·030	·015		25
26			·02				·15	·10	·01		·020		26
27							·20	·03	·30		·065	·160	27
28		·04			·01			·40	·20		·130	·070	28
29			·05				·01				·010		29
30		X	·23					·02	·56		·015	·560	30
31		X		X		X			X		X	·360	31
Total	1·06	1·48	·79	1·31	1·80	·29	3·49	1·225	·05 ~~5·275~~ 5·325	~~1·790~~ 1·740	·900	·11 ~~3·595~~ 3·205	YEAR'S TOTAL ~~23·00~~
Rain Days.	12	11	13	14	9	7	17	10	22	~~18~~ 16	16	22	169

W, 6,500, VII. 18. W W C

used for W D

14 JAN 20

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at Waterworks, West Hartlepool.
in the County of Durham
by Hartlepool Gas & Water Coy.

Lat 54° 41' 30" Long. 1° 12' 45" W.
Time of Observation 9·30 a.m.
Nearest Railway Station West Hartlepool
Diameter of Funnel of Rain Gauge 10 in. sq.
Height of top of Gauge above Ground 1 ft — in.
" " " " Sea Level 35 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. Nil

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·110	·15		·05	·23		·12	·15	·01		·16	·02	1
2				·015	·22		·49		·26	·035		·02	2
3	·190	·085					·32		·02		·20		3
4						·13	·06			·005	·16	·01	4
5		·15	·37		·30	·01	·01		·02			·005	5
6		·26	·01			·02				·005	·18		6
7	1·25		·145		·02					·02	·40		7
8	·01		·37		·05						·01	·58	8
9	·10			·01	·12			·01		·04		·01	9
10	·02		·07							·14			10
11	·005		·02							·25	·44	·09	11
12			68 ·68		·25		·13		·58			·02	12
13			·39			·015			·08	·23	·05	·005	13
14	·10	·02	·14	·03		·16	·10	·14		·17	·13		14
15	·18			·25				·03		·08	·21	·15	15
16	·08			·11				·02				·610	16
17		·24	·017	·005							·03	·10	17
18		·07						·005		·005	·10		18
19				·01	·05			·24				·02	19
20	·015	·20	·04			·01		·06	·16		·13		20
21	·585	·35	·01			·015							21
22	·130	·20	·08					·005	·07	·05	·015	·18	22
23				·01		·08	·16					·035	23
24	·01	·20	·10	·06		·18	·03			1·08	·01	·005	24
25	·01	·01		·02		·02	·02			·52	·12		25
26		·12	·14	·04	·04	·03		·61	·005		·16		26
27	·025	·175				·005		·27	·06	·38	·44	·21	27
28	·18	·005		·53			·01			1·330	·24		28
29	·14			·11			·005	·80		·550	·18	·21	29
30	·16	✕	·06			·05				1·07			30
31	·02	✕		✕		✕			✕	·185	✕	·430	31
Total	·15 ~~3·320~~ 3·36	– ~~2·235~~ 2·085	·05 ~~2·642~~ 2·692	·23 ~~1·250~~ 1·43	– ~~1·280~~ 1·05	·12 ~~0·725~~ ·845	·15 ~~1·455~~ 1·485	·01 ~~2·340~~ 2·20	– ~~1·265~~ 1·255	·16 ~~6·145~~ 6·305	·02 ~~3·365~~ 3·225	– ~~2·710~~ 2·69	Year's Total ~~28·732~~ 28·622
Days with ·01 in. or more	19	~~14~~ 13	~~16~~ 17	14	~~9~~ 8	~~12~~ 13	11	10	~~9~~ 8	~~16~~ 18	20	~~16~~ 16	~~165~~ 170

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

26 JAN 1921

cond for W D

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Water Works. West Hartlepool.
in the County of Durham
by Hartlepool Gas & Water Coy.

Lat 54° 41' 30" Long
Time of Observation 9 a.m
Nearest Railway Station West Hartlepool.
Diameter of Funnel of Rain Gauge 10 in. sq.
Height of top of Gauge above Ground 1 ft. in.
" " " " Sea Level 35 ft. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. 0·15"

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1										·340		·090	1
2		·030	·190				·280.		·170	·310			2
3	0·010		·070	·460	·570.		·530					·310	3
4		·020			·010.	·040	(2·00)	·030		·160		·230	4
5	·005						2·50	·560		1·43.	·025		5
6			·040		·080		·150	·060	·170		·005	·930	6
7				·250	·050.		·030			·010		·050	7
8			·150				·050.					·080	8
9				·100			·080.	·030		·010	·070.		9
10	·160			·290	·070.			·085	·110			·010	10
11			·010.									·070	11
12	1·270			·630.	·250.		·050						12
13	·220		·010.	·210.						·010	·010	·500	13
14	·100								·005	·010		·130	14
15	·075		·680				·020.		·010	·120	·040	·050	15
16		·085	·310	·200						·400	·025	·020	16
17				·040	·010		·400		·090			·005	17
18			·300		·110.			·090	·050	·035		·080	18
19	·210.						·130.	·015					19
20		·030		·060.				·130	·090		·010		20
21	·120	·010							·060				21
22				·130			·200		·040				22
23				·110.			·180	·305		·010			23
24	·030		·080				·230				·015	·080	24
25		·010	·140						·010	·010			25
26		·085	·070	·010		·010	·320			·010	·010.		26
27	·010	·005	·520	·050	·020		·060			·010			27
28	·030			·080	·320	·550	·005		·010	·010		·060	28
29	·790		·140	·040	·010	·030.	·060			·010	·300	·320	29
30	·050	✕	·060	·010	1·100		·070		·005	·005	·025	·430	30
31	·140.	✕	·010	✕	·040.	✕			✕		✕	·050	31
	–	–	–	–	–	–	–	–	·340	–	·090	·150	YEAR'S TOTAL
TOTAL	3·22.	0·275	2·78	2·67	2·64	0·63.	5·345	1·305	~~0·820~~ 1·160	~~2·90~~ 2·56	~~0·535~~ ·625	~~3·495~~ 3·555	~~26·615~~ ins 26·765
Days with ·01 in. or more	14 15	7.	16.	16.	13.	4	18 19	9	13 ~~11~~ 12	~~17~~ 16	12 ~~10~~ 11	18 –	158 ~~157~~
Days with ·04 in. or more	10	2	13.	14	9.	2.	16.	6.	~~8~~ 9	~~6~~ 5	~~3~~ 4	16.	106 ~~105~~

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

WEST HARTLEPOOL
"BRADGATE"
DURHAM
1911 - 13

FORM A2.
BRITISH RAINFALL.

9 FEB 1912

1

Kept at Brad

in the County of Du

by G H Ba

8 in.

e Ground 1 ft. 3 in.

Sea Level 100 ft.

o am Daily

Name West Hartlepool

Distance 1½ miles Direction East

IMPORTANT d the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·12							·09					1
2	·25						·48			·06	·01		2
3	·04		·25	·10	·10			·01		·05			3
4	·04		·06	·35				·06	·02	·07	·30	·03	4
5	·02		·01	·04				·25		·03			5
6	·01		·08	·03						·03		·15	6
7		·01								·04	·03		7
8			·35	·04		·12					·05	·01	8
9				·01								·10	9
10		·06		·02		·03			·03			·25	10
11	·50		·01	·01	·02				·95	·01	·30	·01	11
12	·07		·14	·01		·10					·35	·01	12
13	·07	·04	·30		·04	·11			·02		·25	·40	13
14		·25	·15		·08			·01				·21	14
15		·01	·30	·04							·28	·35	15
16			·45	·10		·08	·14				·07	·04	16
17			·20	·01		·61					·35	·09	17
18		·32	·36								·54	·10	18
19			·01			·17	·02	·35	·04	·40	·01	·04	19
20	·01	·14		·03			·25	·30	·01	·01	·12	·20	20
21		·25						1·40		·06	·10		21
22	·34	·02				·03		·39			·12		22
23	·05	·24		·01		1·20	·08		·25	·03		·01	23
24		·01	·02			1·42				·09		·04	24
25		·30		·02		·38	·06		·07	·25	·04		25
26				·04	·05	·01		·06		·54	·45	·10	26
27		·06	·01	·18				·10	·06	·10	·04	·09	27
28			·01	·24		·03	·04			·06		·06	28
29			·04	·06			·09	·09	·45	·04	·01	·02	29
30					·10	·04				·10	·01		30
31					·18					·04		·10	31
Total	1·52	1·71	2·75	1·34	·57	4·33	1·16	2·81	1·90	2·11	4·03	2·41	TOTAL for year 26·64
No. of Rain Days.	12	13	18	19	7	14	8	12	10	19	20	22	~~174~~

174

W. 8,000, X. '11.

FORM A2.
BRITISH RAINFALL.

9 FEB 1912

Kept at Bradgate, West Hartlepool

in the County of Durham

by G H Barnes

RAIN GAUGE
Diameter of top 8 in.
Height of top above Ground 1 ft. 3 in.
" " " Sea Level 100 ft.

Time of Observation 9.0 am Daily

Nearest Railway Station
Name West Hartlepool
Distance 1½ miles Direction East

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.12							.09					1
2	.25						.48			.06	.01		2
3	.04		.25	.10	.10			.01		.05			3
4	.04		.06	.35				.06	.02	.07	.30	.03	4
5	.02		.01	.04				.25		.03			5
6	.01		.08	.03						.03		.15	6
7		.01								.04	.03		7
8			.35	.04		.12					.05	.01	8
9				.01								.10	9
10		.06		.02		.03			.03			.25	10
11	.50		.01	.01	.02				.95	.01	.30	.01	11
12	.07		.14	.01		.10					.35	.01	12
13	.07	.04	.30		.04	.11			.02		.25	.40	13
14		.25	.15		.08			.01				.21	14
15		.01	.30	.04							.28	.35	15
16			.45	.10		.08	.14				.07	.04	16
17			.20	.01		.61					.35	.09	17
18		.32	.36								.54	.10	18
19			.01			.17	.02	.35	.04	.40	.01	.04	19
20	.01	.14		.03			.25	.30	.01	.01	.12	.20	20
21		.25						1.10		.06	.10		21
22	.34	.02				.03		.39			.12		22
23	.05	.24		.01		1.20	.08		.25	.03		.01	23
24		.01	.02			1.42				.09		.04	24
25		.30		.02		.38	.06		.07	.25	.04		25
26				.04	.05	.01		.06		.54	.45	.10	26
27		.06	.01	.18				.10	.06	.10	.04	.09	27
28			.01	.24		.03	.04			.06		.06	28
29			.04	.06			.09	.09	.45	.04	.01	.02	29
30					.10	.04				.10	.01		30
31					.18					.04		.10	31
Total	1.52	1.71	2.75	1.34	.57	4.33	1.16	2.81	1.90	2.11	4.03	2.41	TOTAL for year
No. of Rain Days.	12	13	18	19	7	14	8	12	10	19	20	22	26·64

~~1·74~~
√174

W. 8,000, X. '11.

BRITISH RAINFALL FORM A.

9 JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at Bradgate, West Hartlepool

in the County of Durham

by G. H. Baines

Lat. Long.

Time of Observation 9. 0 am daily

Nearest Railway Station West Hartlepool

Diameter of Rain Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 3 in.

" " " " Sea Level 100 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	.05	.08		.25		.20	.22	.28	.01	.30		.04	1
2	.02	.30		.02		.45	.29	.37		.40			2
3		.02	.01			.52	.02	.42	.30	.07		.30	3
4	.05		.14		.01	.75		.20			.49		4
5	.15				.17	.12		.06			.06		5
6		.30				.04			.05			.01	6
7	.45	.03	.37		.11						.24		7
8	.15	.05		.02		.05			.40		.10		8
9	.01		.01	.03		.67			.09		.15		9
10	.06				.01			.03	.05		.09		10
11	.01	.01		.05			.32		.14		.60	.02	11
12						.09			.04		.25	.02	12
13	.05		.07			.07		.06		.06	.30	.06	13
14	.02					.04		.10	.02			.04	14
15		.01	.40		.60							.40	15
16			.21		.07	.05	.01	.12		.06			16
17	.20		.06			.45		.09				.02	17
18		.05	.24				.10	.35		.04	.03		18
19	.04	.25				.03	.14	.04		.02			19
20	.12	.01	.01		.52	.15	.07			.18			20
21					.15		.04	.10		.12			21
22	.15	.04	.08		.45	.44		~~.65~~		.45	.04		22
23	.06		.01				.03	.65		.12		.01	23
24	.24		.01			.07	.44	22		.01	.08		24
25	.42					.50	~~.07~~	.35		.75	.09		25
26	.16					.03	.07	.39		.15		.04	26
27	.02	.05				.30	.55			.25	.15		27
28		.01	.06	.03	.09	.08	.35	.58		.02	.24^{5}		28
29				.01	.01	1.29	.07	.05	.25	.04			29
30			.10		.02	.01		.04	.12	.01		.06	30
31			.07				.60	.18					31
Total	2.43	1.21	1.85	.41	2.21	6.40	3.32	4.68	1.47	3.05	2.91	1.02	YEAR'S TOTAL 30.96
Rain Days.	20	14	16	7	12	23	16	21	11	18	15	12	185

W. 7,500, XI. 12

88

456

FORM A.
BRITISH RAINFALL.

31 JAN 1914

REGISTER OF RAINFALL IN 1913

[illegible]

Kept at West Hartlepool, Bradgate

in the County of Durham

by

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·21	·02										1
2	·14	·02											2
3													3
4	·21												4
5	·39	·18	·24										5
6		·10											6
7			·02										7
8													8
9		·04	·10										9
10													10
11	}												11
12	·38	·02											12
13	·15	·14	·08										13
14	·10												14
15	·06		·04										15
16	·03		·20										16
17			·10										17
18	·04	·01	·02										18
19		·04											19
20	·08		·04										20
21	·12		·34										21
22	·01												22
23													23
24	·16												24
25													25
26	·04												26
27		·15											27
28			·33										28
29			·01										29
30	·24												30
31			·04										31
Total	2·15	·91	1·58										YEAR'S TOTAL
Rain Days.	15	10	14										

W. 7,500, XI. ·12

WEST HARTLEPOOL
LYNN. ST.
DURHAM

1912-17, 19-20

FORM A2.
BRITISH RAINFALL.

10 JAN 191

Kept at West

in the County of D

by

in.

Ground 63 ft. in.

Sea Level 84 ft.

a.m.

Name N.E. or 6°

Distance 300 Direction N.N.W.

IMPORTANT N … the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			01	01		15	19	26		16		06	1
2		01	02			11	13	34		11			2
3	10	04				44	03	12	12	03		12	3
4	08		11		005	50		07			24		4
5					15	09		02			02		5
6	15	21				05							6
7	02	03			09				21				7
8		05		01					13		12		8
9	02	02				19			04		05		9
10	02	0	02	03	01	01			04		04	02	10
11	01	02							03		34		11
12	04	15	04				37		02		24	01	12
13		01				02		03		01	18	01	13
14	08		29			03		06				03	14
15		01	20		48	06						17	15
16	10	02	03		03	05	01			04			16
17		06	22			31		09				02	17
18	03	05					11	03		02	01		18
19	07	35	01			01	07	13		06			19
20	09	02			19	12		01		12			20
21	07		04		04		08				02		21
22	02	03	03		24	40		04		11			22
23	10		03			03	04	28		23	03		23
24	36					17	27	03		02		08	24
25	12					21	02	19		005	04		25
26	04	03				02	04	08		36	04	07	26
27			03			18	47			19	05	17	27
28		01		05	05	13	09	36		24	04		28
29			05	01	03	43	02		20			005	29
30			03	11	01	02		03	04	08		02	30
31			15	00	03		35	15		04			31
Total	1·520	1·120	1·310	·220	1·355	3·730	2·290	2·820	·830	1·825	1·460	·785	TOTAL for year
No. of Rain Days.	19	18	17	6	13	24	16	19	9	17 16	15	13	186 185

W. 8,000, X. '11.

18·765

FORM A2.
BRITISH RAINFALL.

10 JAN 191[illegible]

Kept at West Hartlepool

in the County of Durham

by

RAIN GAUGE
Pattern
Diameter of top 5" in.
Height of top above Ground 63 ft. in.
" " " Sea Level 84 ft.

Time of Observation 10 a.m.

Nearest Railway Station
Name N.E.R. Co.
Distance 300 Direction N.N.W.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			01	01		15	19	26		16		06	1
2		01	02			11	13	34		11			2
3	10	04				44	03	12	12	03		12	3
4	08		11		005	50		07			24		4
5					15	09		02			02		5
6	15	21				05							6
7	02	03			09				21				7
8		05		01					13		12		8
9	02	02				19			04		05		9
10	02	0	02	03	01	01			04		04	02	10
11	01	02							03		34		11
12	04	15	04				37		02		24	01	12
13		01				02		03		01	18	01	13
14	08		29			03		06				03	14
15		01	20		48	06						17	15
16	10	02	03		03	05	01			04			16
17		06	22			31		09				02	17
18	03	05					11	03		02	01		18
19	07	35	01			01	07	13		06			19
20	09	02			19	12		01		12			20
21	07		04		04		08				02		21
22	02	03	03		24	40		04		11			22
23	10		03			03	04	28		23	03		23
24	36					17	27	03		02		08	24
25	12					21	02	19		005	04		25
26	04	03				02	04	08		36	04	07	26
27			03			18	47			19	05	17	27
28		01		05	05	13	09	36		24	04		28
29			05	01	03	43	02		20			005	29
30			03	[illegible]	01	02		63	04	08		02	30
31			15	00	03		35	15		04			31
Total	1·520	1·120	1·310	·220	1·355	3·730	2·290	2·820	·830	1·825	1·460	·785	TOTAL for year
No. of Rain Days.	19	18	17	6	13	24	16	19	9	~~17~~ 16	15	13	186 185

18·765

W. 8,000, X. '11.

√ Exe DL

FORM A.
BRITISH RAINFALL.
7- JAN 1914

REGISTER OF RAINFALL IN 1913

Kept at W Hartlepool.

in the County of Durham.

by H Lamb

Lat. .... Long. ....

Time of Observation 10. AM.

Nearest Railway Station West Hartlepool NE

Diameter of Rain Gauge 5" in.

Height of top of Gauge above Ground 63 ft. — in.

" " " " Sea Level 84 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·01			·29					·15		·01		1
2			·03			·03				·03	·02		2
3	·005						·21		·01				3
4	·20	·005				·02		·01	·02	·47	·01	·06	4
5	·22	·02				·03		·03					5
6	·005	·09	·07		·22	·28	·12				·02		6
7		·05		·03		·08				·60			7
8			·02		·38					·07	·03	·01	8
9		·05		·04	·07					·02	·01		9
10		·03	·05					·04			·32		10
11	·15			·18	·15	·04					·02	·01	11
12	·22				·01			·04	·11		·02		12
13	·03							·02	·06	·01	·06		13
14		·08	·03	·03			·06			·03		·02	14
15	·03		·06	·04				·02			·01	·04	15
16			·03								·03		16
17		·01	·07	·03		·03	·01				·03	·02	17
18			·10	·15		·04					·02		18
19	·03		·15		·04				·02		·01		19
20	·13					·01		·01	·07	·16	·13		20
21	·04			–	·03		·12	·14	·01				21
22	·02		·18		·04	·02	·01	·25	·05	·04			22
23	·10					·13	·04		·02		·03	·01	23
24	·11					·27		·06				·03	24
25				·02					·29			·01	25
26				·07					·19	·19	·15	·24	26
27		·05	·01	·14	·06	·13				·01	·02		27
28	·14		·05	·36								·14	28
29			·17	·12	·03			·31		·05	·03	·35	29
30	·12		·005		·20					·30		·05	30
31	·03							·03					31
Total	1·590	·385	1·025	1·50	1·23	1·11	·57	·96	1·00	1·98	·98	·99	YEAR'S TOTAL 13·320
Rain Days.	18 16	9 8	15 14	13	11	13	7	12	12	13	20	13	15-2 156

REGISTER OF RAINFALL IN 1914.

FORM A.
BRITISH RAINFALL
20 JAN 1915

Kept at W Hartlepool

in the County of Durham

by H Lamb

Lat. Long.

Time of Observation 10 AM

Nearest Railway Station W Hartlepool N.E.

Diameter of Rain Gauge 5 in.

Height of top of Gauge above Ground 63 ft. — in.

" " " " Sea Level 84 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1		.01				.01	.50	.09		.02	.13	.03	1
2				.01			.75	.12		.02	.07	.04	2
3			.01		.14		.02				.07	.30	3
4				.02	.01						.02	.05	4
5			.07		.03	.02		.04			.25		5
6				.04	.02			.06			.03	.01	6
7			.06		.11	.14		.01			.015	.005	7
8	.40		.09		.19	.31		01		.04		.01	8
9	.14	.01		.01		.70			.48		.04		9
10	.05	.03							.05		.01	.01	10
11		.02	.05		.05	.20			.01		.07	.10	11
12	.08	.02							.25		.05	.07	12
13	.04	.07	.06						.02		.03	.08	13
14	.05	.04					.01			.01	.08	.05	14
15	.02	.03	.23				.26				.06		15
16	.08		.03				1.12		.54		.10		16
17	.05	.03	.01				.01		.36		.005	.02	17
18	.04	.08	.03			.17			.12	.01		.15	18
19		..					.25		.06		.04		19
20	.03	.05	.33			.28				.03			20
21	.03	.09				.06				.01	.10		21
22		.01	.04		.22	.16				.12	.10	.18	22
23		.03	.02	.02	.32	.18				.02	.05	.03	23
24	.02							.02		.	.16		24
25		.02	.01					.01		.35	.02	.02	25
26			.06				.07	.02		.13	.02	.02	26
27	.01						.05			.01	.08	.33	27
28		.01						.01			.02	.06	28
29			.01		.01			.04		.17	.02		29
30		X		.02	.01			.17		.02	.04	.03	30
31	.09	X		X		X	.10		X	.15	X		31
Total	1.13	.55	~~1.11~~ 1.11	.12	1.11	2.23	~~3.115~~ 3.14	.60	1.89	1.11	1.680	1.595	YEAR'S TOTAL 16.265
Rain Days.	15	16	16	6	11	11	11	12	9	15	27 26	~~21~~ 20	245

168

2725

FORM A.
BRITISH RAINFALL.
12 JAN 1916

REGISTER OF RAINFALL IN 1915.

Kept at West Hartlepool.

in the County of Durham.

by H. Lamb.

Lat. Long.

Time of Observation 10 a. m.

Nearest Railway Station W. Hpool. N. E. R.

Diameter of Funnel of Rain Gauge 5" in.

Height of top of Gauge above Ground 63 ft. — in.

" " " " Sea Level 84 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·02	·04			·05		·04	·35	·32		·03	·04	1
2		·20						·15	·15		·15	·14	2
3	·33		·04	·03			·22				·08	·66	3
4			·01		·09	·01					·12	·80	4
5	·04	·01	·01							·02	·01	·90	5
6	·02	·04	·01	·07			·64	·02	·15	·01		·20	6
7		·11	·08		·01		·03	·18					7
8	·01	·01				·17	·09	·07			·02	·02	8
9							·01	·28			·01	·29	9
10	·11		·03					·52				·14	10
11	·03	·08			·50						·02	·25	11
12	·11	·02		·16			·18	·14		·02	·15	·30	12
13		·04			~~·03~~		·02	·08				·35	13
14		·03			·03			·07				·02	14
15	·04						·25	·05		·08		·02	15
16	~~·04~~	·03					·25	·001		·16	·04		16
17	·04	·07	·03				·06		·03		·02	·15	17
18		·02	·15						·03	·19	·17	·01	18
19		·03	·01				·24			·20			19
20	·01									·22		·30	20
21	·02			·15			·01	·03				·25	21
22	·02											·40	22
23	·04	·04	·01	·04			·12			·02	·02	·85	23
24	·02		·12	·10					·23			·70	24
25					~~·26~~	·26				·09	·15		25
26	·01	·02	·03	·08	~~·0~~	·05	·12		·04	·02	·04	·35	26
27	·02	·02	·02				·01			·24		·42	27
28	·01	·03	·06		·45		·06	·05		·19		·15	28
29	·01				·30				·37	·01	·15	·42	29
30	·03	✗		·10									30
31	·06	✗		✗		✗		·75	✗	·01	✗	·25	31
Total	1·00	·84	·61	·73	1·43	·49	2·35	2·791	1·32	1·48	1·18	8·38	YEAR'S TOTAL 22·601
Rain Days.	21	18	14	8	7	4	17	~~15~~ 14	8	15	16	26	~~169~~ 168

W. 8,000. X. 15.

Ex DL

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.
8 JAN 1917

Kept at West Hartlepool.
in the County of Durham.
by H. Lamb.

Lat. Long.
Time of Observation 10 A.M.
Nearest Railway Station W. Hartlepool N.E.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 63 ft. — in.
" " " " Sea Level 84 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.
10. A.M.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·15	·20	·45			·08	·04			·03	·01		1
2	·02	·20	·25						·30	·01			2
3		·18	·28	·02	·01	·15	·68	·05	·90	·25	·03	·01	3
4	·01	·01	·30	·18	·61	·09	·10			·75	·03	·02	4
5	·01	·30	·40		·08	·09				·24	·04		5
6		·33	·24	·25	·32	·04	·15			·02	·40		6
7			·35		·10	·25	·08			·04		·06	7
8			·30			·22							8
9			·38		·05		·02					·50	9
10	·20	·01	·22	·01			·08			·01	·02	·40	10
11	·18	·35	·40	·18	·03	·09	·18		·14	·30		·06	11
12		·22	·40	·01	·38	·02	·45					·04	12
13		·35	·30		·08		·05	·31	·20	·24		·04	13
14		·10	·28	·01	·04	·03		·11		·35		·02	14
15		·25	·25				·04	·88	·01	·02			15
16			·18	·02			·12	·95				·25	16
17	·03		·01	·13	·02		·01	·12	·30	·18	·02		17
18	·10	·26	·02	·58		·02	·03	·16	·40	·35	·60	·25	18
19	·15		·01	·14				·45	·20		·60		19
20	·18		·15	·14	·05		·27	·07			·03	·03	20
21	·01	·19	·01	·01									21
22	·01	·20		·25		·01				·11		·01	22
23		·10	·01	·03							·02	·04	23
24		·01	·15			·20		·20		·35	·02	·02	24
25		·15	·20		·04			·24		·20	·02		25
26	·20	·20			·09			·03		·02	·01		26
27		·29	·01					·71		·35		·25	27
28		·45				·01				·03		·45	28
29		·29				·02		·05		·08			29
30		X			·01		·01		·03	·07			30
31	·01	X		X	·02	X			X	·06	X		31
Total	1·26	4·64	5·55	1·96	1·93	1·32	2·31	4·33	2·48	4·06	1·85	2·45	YEAR'S TOTAL 34·14
Rain Days.	14	22	25	15	16	15	16	14	9	23	14	17	200

W. 8,000, VIII. 16

3507

FORM A.
BRITISH RAINFALL.

16

REGISTER OF RAINFALL IN 1917

Kept at West Hartlepool

in the County of Durham

by H. Lamb.

Lat. Long.
Time of Observation 10 AM
Nearest Railway Station West Hartl N.E.R.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 63 ft. — in.
" " " " Sea Level 84 — ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·01		·03		·42		·30			·10		1
2	·04			·04				·23					2
3	·01		·01	·03				·01		·04			3
4			·02								·01		4
5			·02	·04				·02		·04	·03		5
6										·03			6
7	·40		·04			·01				·15			7
8	·08		·30	·03				·35	·02	·62	·05		8
9	~~·03~~	·01		·01				1·00		·40	·40	·03	9
10	·05		·50	·25	·03			·33		·35			10
11	·04	·03		·20	·01			·03		·15	·45		11
12	·33			·02	·60	·25				·28		·20	12
13	·30			·02	·50			·23	·20	·26		·06	13
14	·20		·01	·01	·71			·30		(·05)			14
15	·06			·03			·07	·35	·04			·03	15
16	·06			·04		·40		·02				·45	16
17	·01 ~~·04~~	·01		·03	·03	·50		·28	·40			·04	17
18	·01			·20	·14		·40	·30	·01				18
19	·05	·38	·04			·02							19
20	·06	·32	·03	·02	·14	·85	·11				·33	·20	20
21		·02	·05		·04			·02					21
22		·01	·61					·01		·03			22
23		·015			·40			·20			·20		23
24	~~·04~~						·40			·35	·48	·04	24
25	~~·08~~	·03	·03			·95	·03	·02		·02	·03	·08	25
26			·11			·45		·86	·25	·01	·22		26
27	~~·25~~		·15			·35	·48	·21		·20		·25	27
28			·05			·18	·25	·25		·01			28
29	·02						·15	·26		·30		·01	29
30	·03	✕	·01							·20	·01	·03	30
31	·02	✕	·04	✕		✕	·20	·02	✕		✕	·40	31
Total	1·77	·835	2·02	1·00	2·60	4·38	2·09	5·60	·92	3·49	2·31	1·82	YEAR'S TOTAL 28·835
Rain Days.	18	10	17	16	10	11	9	23	6	19	12	13.	164

W. 8,000, IX. 17.

3

end of run date

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919

11 FEB 20

Kept at West Hartlepool

in the County of Durham

by H Lant

Lat. Long.

Time of Observation 10 AM Daily

Nearest Railway Station West Hartlepool N.E.R.

Diameter of Funnel of Rain Gauge 5 in.

Height of top of Gauge above Ground 6 3 ft. — in.

" " " " Sea Level 84 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·08			·01	·17						·04	0·01	1
2	·03						·35		·16	·03	·10~~4~~		2
3	·46				·20	·35	·45		·02		·07 ~~·00~~	·02	3
4	·20		·14		·06	·45	·03				·100 ·10		4
5	·25					·02	·02		·03		·110		5
6	·11		·28		·03				·01	·02	·33	·04	6
7			·10	·02	·05						·02	·24	7
8			·04		·08					·03	·03		8
9	·01		·05	·01						·07	~~·13~~ ·12		9
10			·01							·17	·15	·25	10
11			·52		·16		·04		·45	·02	·04	·02	11
12			·21	·03		·03			·04	·13	·02		12
13			·06	·62		·12	·18	·12		·12	·15		13
14	·13		·02	·15				·02		·04	·15		14
15		·35	·03	·07				·02					15
16		·01									·02		16
17		·20		·04	·05			·01			·07		17
18								·22	·01			·45	18
19		·35	·01	·02		·01	·02	·02	·09		·02	·02	19
20		·40	·02			·02	·02		·01			·01	20
21		·35	·08			·02			·05		·02	·12	21
22		·38	·10			·02	·35				·01	·03	22
23		·02	·05	·08		·12	·45			·73	·01		23
24	·03	·02	·01		·03	·02	·02			·33	·07	·04	24
25		·35		·03	·01	·02		·42	·02	·20	·06		25
26		·40	·10	·04		·01		·15	·04	·13	·39	·11	26
27				·18			·01			·63	·15		27
28			·02	·05				·46		·25	~~·15~~	·16	28
29						·03				·52	·14 15	·05	29
30			·02	·18		·09	~~·09~~			·12	·01	·07	30
31	·03		·45				·09			·09			31
Total	1·33	2·83	2·22	0·93	0·84	1·33	2·08	1·44	0·93	3·63	2·4	1·64	Year's Total 21·55
Days with ·01 in. or more	10	11	20	15	10	15	13	9	12	18	27	16	175

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

21 R

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1921

Form A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1920.

Kept at West Hartlepool.
in the County of Durham
by H Lamb

Lat. Long.
Time of Observation 10 AM.
Nearest Railway Station West Hartlepool.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 63 ft. — in.
" " " " Sea Level 84 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in *"Rules for Rainfall Observers,"* sent post-free on application to The Superintendent, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			.06	.15	.28		.22			.27			1
2				.20	.02		.42	.01	.02	.05		.25	2
3				.10			1.80	.02	.01	.09		.15	3
4	.21			.10			.32	.33		1.27	.02	.70	4
5			.04		.05		.15	.05	.02	.01			5
6	.02		.03	.12	.04							.10	6
7							.04					.08	7
8				.06	.04		.08	.03		.01	.07		8
9	.13			.21			.04	.08	.38				9
10	.60	.04		.20			.05					.01	10
11	.20			.12	.10							.03	11
12				.14	.15		.01					.30	12
13	.03		.48	.01								.13	13
14		.02		.08			.05		.11	.14	.02	.03	14
15		.15	.09	.12			.01			.35	.01	.01	15
16				.03	.02		.35		.10				16
17					.07			.03	.04	.02		.03	17
18	.22	.07	.01		.06		.10	.01	.11				18
19	.25			.04		.20		.13					19
20		.02							.15			.01	20
21				.10			.18	.20	.03				21
22	.09		.25	.06			.18			.01			22
23			.25	.05						.01		.03	23
24			.03			.01	.15						24
25					.01		.20						25
26		.08	.34	.03			.06					.03	26
27	.03	.01	.10	.10		.48	.62				.10	.12	27
28	.42	.13	.15	.08		.03	.04				.20	.25	28
29	.02		.05		.85		.04				.02	.35	29
30	.10	✕			.12				.33		.20	.04	30
31	.01	✕		✕	.02	✕			✕		✕	.12	31
TOTAL	2.33	.52	1.88	2.10	1.83	.72	4.51	.89	1.30	2.23	.64	2.77	YEAR'S TOTAL ~~[illegible]~~ 21.72
Days with .01 in. or more	14	8	13	21	14	4	22	10	11	11	8	20	156
Days with .04 in. or more	9	5	10	18	~~9~~ 10	2	19	5	7	6	4	12	107

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

WILLINGTON RECT
CO. DURHAM.

REG

—

WILLINGTON RECTORY

DURHAH

1911- 1920

FORM A2.
BRITISH RAINFALL.
3 - JAN 1912

Kept at Willington R

in the County of Durh

by (Rev.) T. Urmson

n.

d 1 ft. 0 in.

evel 285. ft.

m.

Willington

ce 3/4 mile Direction N.W.

IMPORTANT NOTE.— result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·03	—	—	—	·02	—	·02	·04	—	—	—	—	1
2	·42	—	—	—	·09	—	·29	—	—	·13	·02	·15	2
3	·03	—	·16	·04	·12	—	—	—	—	·17	·05	—	3
4	·06	—	·08	·18	—	—	—	·36	—	·05	·10	·09	4
5	·04	—	·08	—	—	—	—	·28	—	·14	·05	—	5
6	·07	—	·09	·08	—	—	—	·11	—	·06	—	·40	6
7	—	—	—	—	—	—	—	—	—	—	·13	—	7
8	·01	—	·20	—	—	·05	—	—	—	·02	·10	·30	8
9	—	—	—	·01	—	—	—	—	—	—	—	·20	9
10	·01	·04	—	·03	—	—	—	—	—	—	—	·56	10
11	·62	—	·05	—	—	—	—	—	·08	—	·13	—	11
12	·23	—	·10	—	·10	·05	—	—	·81	—	·11	—	12
13	—	·09	·29	—	·03	—	—	—	—	—	·05	·36	13
14	—	·01	·22	—	·20	—	—	—	—	—	—	·62	14
15	—	·01	·16	·02	—	—	—	—	—	·03	·18	·09	15
16	—	—	·53	·10	—	·05	·06	—	—	—	·13	·05	16
17	—	—	·14	—	—	·34	—	—	—	—	·13	·17	17
18	—	·17	·18	—	—	·01	—	—	—	—	·56	·20	18
19	—	—	·08	·04	—	·40	—	·02	·04	·11	1·31	·19	19
20	—	·08	—	·04	—	—	·18	·29	—	—	·03	·07	20
21	·01	·09	·01	—	—	—	—	·54	·04	·10	·15	—	21
22	·32	·10	—	—	—	·02	—	—	—	·03	·15	—	22
23	·02	·18	—	—	—	—	—	—	·07	—	—	·13	23
24	—	—	·03	—	—	·83	—	—	—	·18	—	—	24
25	—	·15	—	—	—	1·58	·02	—	·08	·18	·06	·06	25
26	—	—	—	·02	·03	·30	—	·03	—	·97	·62	·09	26
27	—	·04	·04	·10	·01	—	—	·13	·08	·05	·02	·03	27
28	—	—	·02	·30	—	—	—	·01	·02	—	—	·09	28
29	—		—	·02	—	—	·08	—	·52	·30	·01	·03	29
30	—		·02	—	·04	—	—	—	·07	·21	—	—	30
31	—		—		·10		—	—		·06		—	31
Total	1·87	·96	2·48	·98	·74	3·63	·65	1·81	1·81	2·79	4·09	3·88	TOTAL for year 25·69.
No. of Rain Days.	13	11	19	13	10	10	6	10	10	17	21	20	160.

W. 8,000, X. '11.

WILLINGTON RECTORY
CO DURHAM.

REG

FORM A2.
BRITISH RAINFALL.

3 - JAN 1912

Kept at Willington Rectory.

in the County of Durham. 2

by (Rev.) T. Urmson.

Rain Gauge:
Diameter of top 5 in.
Height of top above Ground 1 ft. 0 in.
" " " Sea Level 285. ft.

Time of Observation 10-0 a.m.

Nearest Railway Station: Name Willington
Distance 3/4 mile Direction N.W.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·03	—	—	—	·02	—	·02	·04	—	—	—	—	1
2	·42	—	—	—	·09	—	·29	—	—	·13	·02	·15	2
3	·03	—	·16	·04	·12	—	—	—	—	·17	·05	—	3
4	·06	—	·08	·18	—	—	—	·36	—	·05	·10	·09	4
5	·04	—	·08	—	—	—	—	·28	—	·14	·05	—	5
6	·07	—	·09	·08	—	—	—	·11	—	·06	—	·40	6
7	—	—	—	—	—	—	—	—	—	—	·13	—	7
8	·01	—	·20	—	—	·05	—	—	—	·02	·10	·30	8
9	—	—	—	·01	—	—	—	—	—	—	—	·20	9
10	·01	·04	—	·03	—	—	—	—	—	—	—	·56	10
11	·62	—	·05	—	—	—	—	—	·08	—	·13	—	11
12	·23	—	·10	—	·10	·05	—	—	·81	—	·11	—	12
13	—	·09	·29	—	·03	—	—	—	—	—	·05	·36	13
14	—	·01	·22	—	·20	—	—	—	—	—	—	·62	14
15	—	·01	·16	·02	—	—	—	—	—	·03	·18	·09	15
16	—	—	·53	·10	—	·05	·06	—	—	—	·13	·05	16
17	—	—	·14	—	—	·34	—	—	—	—	·13	·17	17
18	—	·17	·18	—	—	·01	—	—	—	—	·56	·20	18
19	—	—	·08	·04	—	·40	—	·02	·04	·11	1·31	·19	19
20	—	·08	—	·04	—	—	·18	·29	—	—	·03	·07	20
21	·01	·09	·01	—	—	—	—	·54	·04	·10	·15	—	21
22	·32	·10	—	—	—	·02	—	—	—	·03	·15	—	22
23	·02	·18	—	—	—	—	—	—	·07	—	—	·13	23
24	—	—	·03	—	—	·83	—	—	—	·18	—	—	24
25	—	·15	—	—	—	1·58	·02	—	·08	·18	·06	·06	25
26	—	—	—	·02	·03	·30	—	·03	—	·97	·62	·09	26
27	—	·04	·04	·10	·01	—	—	·13	·08	·05	·02	·03	27
28	—	—	·02	·30	—	—	—	·01	·02	—	—	·09	28
29	—		—	·02	—	—	·08	—	·52	·30	·01	·03	29
30	—		·02	—	·04	—	—	—	·07	·21	—	—	30
31	—		—		·10		—	—		·06		—	31
Total	1·87	·96	2·48	·98	·74	3·63	·65	1·81	1·81	2·79	4·09	3·88	TOTAL for year 25·69.
No. of Rain Days.	13	11	19	13	10	10	6	10	10	17	21	20	160.

W. 8,000, X. '11.

FORM A.
BRITISH RAINFALL.

9 - JAN 1913

REGISTER OF RAINFALL IN 1912.

Kept at Willington Rectory.
in the County of Durham 2
by (Rev:) T. Urmson.

Lat. 54°-42"-36. Long. 1°-40"-48.
Time of Observation 10-0 a.m.
Nearest Railway Station Willington
Diameter of Rain Gauge 5. in.
Height of top of Gauge above Ground 1 ft. 0. in.
,, ,, ,, ,, Sea Level 285. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	·08	·04	—	·01	·31	·25	·20	·02	·33	—	·07	1
2	—	·03	·12	—	—	·48	·23	·36	·01	·09	·06	—	2
3	·10	·05	—	—	—	·49	·01	·58	·31	·02	—	·19	3
4	·09	—	·31	—	·02	·72	—	·45	—	—	·02	—	4
5	—	—	—	—	·14	·12	—	·04	—	—	—	—	5
6	·52	·15	—	—	—	—	—	·01	—	—	—	—	6
7	—	·07	—	—	·09	—	—	·16	·22	—	—	·03	7
8	·34	·06	·04	·08	—	·06	—	—	·19	—	·18	—	8
9	·03	—	·14	—	—	·28	—	—	—	—	·05	—	9
10	·03	—	·07	·06	·04	·37	—	—	—	—	·08	—	10
11	—	·07	—	—	—	—	—	·13	—	—	·65	·02	11
12	·07	·23	·02	—	—	·15	·29	—	·02	—	·33	·03	12
13	—	—	—	—	—	·03	—	—	—	·08	·19	·10	13
14	·09	—	·18	—	—	·06	—	—	—	—	—	·09	14
15	·09	·02	·09	—	·59	·15	—	—	—	—	—	·47	15
16	·72	—	·07	—	·02	·04	·02	—	—	·02	—	—	16
17	·02	·14	·23	—	—	·37	·10	·15	—	—	—	·03	17
18	—	·14	—	—	—	—	·20	·01	—	·03	—	—	18
19	·20	·45	—	—	·02	—	·06	·25	—	—	·04	—	19
20	·11	·01	—	—	·78	·09	·03	—	—	·16	—	—	20
21	·07	—	·24	—	·08	—	·06	—	—	·05	—	·04	21
22	—	·05	·02	—	·30	·25	—	·10	—	—	—	—	22
23	·11	—	·02	—	·02	·01	·21	·67	—	·17	·03	·01	23
24	·33	—	—	—	—	—	·16	·08	—	—	·07	·16	24
25	·44	—	—	—	—	·35	·06	·70	—	—	·07	—	25
26	·03	·08	·08	—	—	·03	—	·10	—	·85	·12	·31	26
27	—	—	—	—	—	·34	·41	·01	—	·19	·08	·27	27
28	—	·01	—	—	·01	·20	·35	·34	—	·20	·04	—	28
29	—	—	·20	—	—	·47	·21	·03	·63	·03	·06	—	29
30	·05		·11	·01	—	·03	—	·03	·80	·10	·03	·04	30
31	—		·20		·05		·45	·21		·02		—	31
Total	3·44	1·64	2·18	·15	2·17	5·40	3·10	4·61	2·20	2·34	2·10	1·86	YEAR'S TOTAL 31·19
Rain Days.	19.	16.	18.	3.	14.	23.	17.	21.	8.	15.	17.	15.	186.

W. 7,500, XI. '12

Ex DL

REGISTER OF RAINFALL IN 1913.

BRITISH RAINFALL FORM A.
3 JAN 1914

Kept at Willington Rectory
in the County of Durham
by T. Urmson

Z

Lat. 54°-42"-30' Long. 1°-40"-48'.
Time of Observation 10-0 a.m.
Nearest Railway Station Willington
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 285 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. —

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	—	·06	·21	—	—	—	—	·09	·02	·05	—	1
2	—	—	·10	—	—	·03	—	—	—	·05	·01	—	2
3	·06	—	—	—	·28	—	—	—	·01	—	—	·03	3
4	·21	—	—	—	—	—	·34	—	·08	·24	—	·09	4
5	·30	·03	·03	—	—	·14	·02	·01	·03	·15	—	—	5
6	—	·24	·27	—	·33	·08	·29	—	—	—	—	—	6
7	—	·35	—	—	·06	·04	·27	—	—	1·60	·02	—	7
8	—	·02	—	—	·83	·02	—	—	—	·14	·09	—	8
9	—	·04	—	·09	·23	·04	—	—	—	—	·04	—	9
10	—	·03	·08	—	·17	·11	—	—	—	·04	·15	—	10
11	·86	—	—	·40	·14	—	—	—	—	·02	·07	—	11
12	·40	—	—	—	—	·02	—	·07	·42	—	·03	—	12
13	·02	—	—	—	—	—	·01	·02	·15	·03	—	—	13
14	·04	·07	·09	·04	—	—	—	—	—	—	·02	—	14
15	·11	—	·34	·17	—	—	—	—	—	—	·03	—	15
16	—	—	—	—	—	—	—	·02	—	—	·01	—	16
17	—	—	·14	·01	—	—	—	—	—	—	·09	—	17
18	—	—	·40	·33	·02	—	—	—	—	—	·12	—	18
19	·18	—	·08	—	—	—	—	—	·09	—	—	—	19
20	·68	·01	—	·04	·03	·02	—	·09	·25	·08	·30	—	20
21	·14	—	·04	·01	·06	—	·06	·16	—	—	—	—	21
22	·08	—	·69	·01	—	—	—	·20	—	—	—	—	22
23	·12	—	—	—	—	—	—	·05	·15	—	·05	—	23
24	·08	—	—	·02	·05	·04	—	·05	—	—	·02	—	24
25	—	—	—	·03	—	·10	—	—	·51	·01	·01	—	25
26	—	—	·01	·68	—	—	—	—	1·15	·10	·10	·29	26
27	—	·04	·02	·86	·07	·04	—	—	—	·05	·05	—	27
28	·32	—	·28	·57	—	—	—	—	—	—	·04	·14	28
29	·01		·46	·32	·12	—	—	·54	—	—	—	·42	29
30	·16		·05	—	·05	·01	—	—	—	·11	—	·03	30
31	·03		·04		·14		—	—		—		—	31
Total	3·80	·83	3·18	3·79	2·58	·69	·99	1·21	2·93	2·64	1·30	1·00	YEAR'S TOTAL 24·94.
Rain Days.	18	9	18	16	15	13	6	10	11	14	20	6.	156.

848 / 59

REGISTER OF RAINFALL IN 1914.

FORM A.
BRITISH RAINFALL.
5 - JAN 1915

Kept at Willington Rectory.

in the County of Durham 2

by T. Urmson.

Lat. 54°-42". Long. 1°-40"-48'.

Time of Observation 10-0 a.m.

Nearest Railway Station Willington

Diameter of Rain Gauge 5. in.

Height of top of Gauge above Ground 1 ft. 0 in.

" " " " Sea Level 285. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. —

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	·06	·02	—	—	·01	—	—	—	—	·10	·11	1
2	—	·01	—	—	—	—	·36	·54	—	—	·49	·27	2
3	—	—	—	—	·18	—	·40	—	—	—	·07	·51	3
4	·09	·01	—	·08	·03	—	—	—	—	—	·19	·48	4
5	—	—	·09	·04	—	·01	—	—	—	—	·21	—	5
6	—	—	—	·02	·05	—	—	·08	—	—	—	·10	6
7	—	·03	·11	—	·21	·23	—	·02	—	—	·04	·06	7
8	·24	·01	·13	—	·20	·77	·06	·09	—	·06	—	·04	8
9	·41	·06	—	·12	—	1·92	·01	—	·13	—	·09	·05	9
10	·02	·08	—	—	—	—	—	—	·03	—	·15	·01	10
11	—	·05	·12	—	·11	—	—	—	—	—	·17	·67	11
12	·03	·10	·02	—	—	·13	—	—	·05	—	·13	·62	12
13	·03	·02	·12	—	—	—	·14	—	·02	—	·04	·34	13
14	·11	·37	—	—	—	—	—	—	—	—	·14	·12	14
15	—	·03	·25	—	—	—	·11	—	—	—	·47	·16	15
16	·16	—	·01	—	—	—	·08	—	1·00	—	·09	·01	16
17	·04	·03	·02	—	—	—	1·11	—	·21	—	—	·13	17
18	·01	·04	—	—	—	—	·16	—	·02	—	—	—	18
19	—	—	—	—	—	1·02	·02	—	·05	—	·09	—	19
20	·02	—	·18	—	—	—	·08	·05	—	·02	—	—	20
21	—	·54	·08	—	—	—	—	·08	—	·02	·24	·10	21
22	—	—	—	—	·25	·11	—	·08	—	·06	·23	·13	22
23	—	—	—	—	·25	·06	—	—	—	—	—	·10	23
24	·01	—	·10	·03	—	·16	—	·07	—	—	·10	—	24
25	—	—	·07	—	—	—	—	·10	—	·51	—	·40	25
26	—	—	·14	—	—	—	—	—	—	·15	·02	·17	26
27	—	—	—	—	—	—	—	—	—	·05	·19	·10.	27
28	—	·02	—	—	—	—	—	·05	—	·04	·03	·01	28
29	·05	—	·07	—	·02	—	—	·35	—	·93	·11	—	29
30	·02	✕	·03	·06	—	—	—	·03	—	·13	·38	·29	30
31	·26	✕	·02	✕	·02	✕	·26	·02	✕	·33	✕	—	31
Total	1·50	1·46	1·58	·35	1·32	4·42	2·79	1·56	1·51	2·30	3·77	4·98	YEAR'S TOTAL 27·54. ✓
Rain Days.	15.	16.	18	6.	10.	10.	12.	13.	8.	11.	23.	24.	166. ✓

W. 8,000. X. 14.

REGISTER OF RAINFALL IN 1915.

FORM A.
BRITISH RAINFALL.

7 - JAN 1916

Kept at Willington Rectory.
in the County of Durham
by Revd T. Urmson

Lat. 54°-42'-30". Long. 1°-40'-48".
Nearest Railway Station Willington
Time of Observation 10-0. a.m.
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0. in.
" " " Sea Level 285. ft.

NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. Full instructions for the measurement of rain and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·38.	·21	—	—	·11	—	·21	·07	·08	—	·18	·08	1
2	—	·19	·32	·07	—	·06	—	·05	·02	—	—	·02	2
3	·48	—	·03	·15	—	—	·32	·26	—	—	·20.	·84	3
4	·12	·06	—	—	·05	·01	—	—	—	—	·08	·75	4
5	·07	·17	·02	—	·05	—	·18	·02	—	·05	·02	·65	5
6	·01	·40	·11	·03	—	—	1·08	·03	·08	—	—	·01	6
7	·15	·47	·06	·10	—	—	·09	·17	—	—	—	—	7
8	·07	·13	·07	—	—	—	·26	·03	—	·02	·11	—	8
9	—	·03	—	—	—	—	—	—	—	—	·02	·52	9
10	·15	—	·10	·04	—	—	—	·83	—	—	—	·32	10
11	—	·16	—	·01	·57	—	·02	—	—	—	·09	·06	11
12	·17	·09	—	·08	·01	—	·12	·14	—	·08	·73	—	12
13	—	·19	—	—	·05	—	—	·67	·02	—	—	—	13
14	·03	·10	—	·03	·05	—	—	·29	—	—	—	·02	14
15	·13	·02	—	—	—	—	·12	·30	—	—	—	·11	15
16	·01	·24	·03	—	—	—	·43	·09	—	·11	—	—	16
17	—	·12	·04	—	—	—	—	—	·03	—	—	·09	17
18	—	·05	*·21	—	—	—	—	—	·09	·08	·02	·08	18
19	—	·07	—	—	—	—	·11	—	—	·17	—	—	19
20	·05	—	·03	—	·05	—	—	—	—	·02	—	·43	20
21	·14	—	—	·09	·02	—	—	—	—	—	—	·06	21
22	·09	—	·01	—	—	—	·08	—	—	—	—	·10	22
23	·16	·18	·07	·03	—	—	·18	—	·02	·06	—	·10.	23
24	—	—	·25	·08	—	—	·01	—	·39	·10	—	·26	24
25	—	—	—	—	—	·15	·02	—	—	·03	·01	—	25
26	—	·01	·16	—	—	·04	·09	—	—	—	—	·34	26
27	·01	·14	·04	—	—	—	·28	—	—	·37	—	·30	27
28	·01	·05	·06	—	·38	—	·02	·39	—	·08	—	·07	28
29	—	Nil	—	—	·23	·02	—	·09	·07	—	·13	·67	29
30	·05		—	·08	·01	—	—	—	·01	—	—	—	30
31	·05		—	~~Nil~~	—	Nil	—	·44	Nil	·02	Nil	·14	31
Total	2,33	3·08	1·61	·79	1·58	·28	3·62	3·87	·81	1·14	1·54	6·02	TOTAL for year 27·07
No. of Rain Days	20.	21.	17.	12.	12.	5.	18.	16.	10.	13.	11.	23	178

1,000, IX. '10.

EDWARD STANFORD. 12, 13 & 14, LONG ACRE, W.C.
Waterlow and Sons Limited, Printers, London Wall, London.

Price 2d.

✓ 3665

REGISTER OF RAINFALL IN 1916.

FORM A. BRITISH RAINFALL.
9 JAN 1917

Kept at Willington Rectory.

in the County of Durham.

by Revd. Canon J. Urmson.

Lat. 54°-42"-30'. Long. 1°-40"-48'.
Time of Observation 10-0 a.m.
Nearest Railway Station Willington.
Diameter of Funnel of Rain Gauge 5. in.
Height of top of Gauge above Ground 1 ft. 0. in.
" " " " Sea Level 285. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·20	—	·28	—	—	·20	·21	—	—	·02	·08	—	1
2	·03	·04	·10	—	—	—	·02	—	·26	·10	·01	—	2
3	—	·08	·08	·14	—	·06	·53	·05	·80	·07	·23	—	3
4	·04	·10	·02	·04	·59	·26	·26	—	·03	·35	·25	—	4
5	—	·05	·12	—	·70	·08	—	—	—	·39	·30	—	5
6	·01	·10	·22	—	·37	·02	·01	—	—	·06	·14	·02	6
7	—	—	·14	—	·31	·24	·16	—	—	·06	—	·18	7
8	—	—	·19	—	—	·03	—	—	—	—	·02	·05	8
9	—	—	·04	—	·11	·14	—	—	—	—	·02	·31	9
10	—	·04	·05	—	—	·37	·04	—	—	·03	·02	·35	10
11	·02	·38	·31	·03	—	·09	·22	—	·07	·04	·01	—	11
12	—	·01	·36	—	·01	·02	·44	—	—	—	—	·29	12
13	—	·10	·32	—	·56	—	·31	·25	·18	·24	·05	·18	13
14	—	·18	·05	·01	·05	—	—	·09	—	·08	—	·22	14
15	—	·27	·53	—	·02	—	·02	·77	—	—	—	—	15
16	—	·05	·23	·07	·02	—	·03	·73	—	—	—	·14	16
17	—	—	—	·07	—	—	—	·02	·05	—	·02	—	17
18	·05	·33	—	·22	·04	—	·02	·30	·20	—	·80	·07	18
19	·16	—	·14	·25	—	—	—	·07	·03	—	·45	·02	19
20	·04	—	·16	·13	—	—	·39	·05	—	—	·07	·08	20
21	·04	·06	·15	·01	—	—	—	—	—	—	·01	—	21
22	—	·13	·01	·03	—	·07	—	—	—	·22	—	—	22
23	—	·01	·06	—	—	—	—	—	—	·08	·01	·21	23
24	—	·03	—	—	—	·24	—	·32	—	·09	—	·03	24
25	—	·08	·14	—	·04	·02	—	·37	—	·29	·21	—	25
26	·10	·14	·02	—	—	·05	—	·04	—	·05	—	—	26
27	—	·55	—	—	—	—	·23	·52	·02	·40	·06	—	27
28	—	·26	—	—	·24	—	—	—	—	·10	·03	·22	28
29	—	·47	—	—	—	—	—	—	—	·18	—	—	29
30	—	×	—	—	·27	·01	—	—	—	·27	—	—	30
31	—	×	—	×	·01	×	—	—	×	·15	×	—	31
Total	·69	3·46	3·72	1·104	3·34 ~~3·54~~	1·90	2·89	3·58	1·64	3·27	2·79	2·37.	YEAR'S TOTAL 30·75 ~~30·65~~
Rain Days.	10.	22.	23.	11.	15.	16.	15.	13.	9.	21.	20.	15	190. ✓

W. 8,000, VIII. 16

N

3513

REGISTER. OF RAINFALL IN 1917.

FORM A.
BRITISH RAINFALL.

4. JAN 19

Kept at Willington Rectory
in the County of Durham
by Rev: Canon Urmson.

Lat. 54°-42'-30". Long. 1°-40'-48".
Time of Observation 10-0. a.m.
Nearest Railway Station Willington.
Diameter of Funnel of Rain Gauge 5. in.
Height of top of Gauge above Ground 1 ft. 0. in.
" " " " Sea Level 285 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·06.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	—	—	—	—	—	·02	—	·39	·47	—	·14	—	1
2	·04	—	—	·23	—	·07	—	·15	·01	—	—	·03	2
3	—	—	—	·22	—	—	—	—	—	·06	—	—	3
4	—	—	·11	—	—	—	—	—	—	—	·01	—	4
5	·05	·02	·07	·29	—	—	—	—	—	·02	·11	—	5
6	—	—	—	—	—	·11	—	—	—	·26	·08	—	6
7	·94	—	·04	—	—	·09	—	·10	—	·07	—	·04	7
8	·22	—	·02	·11	—	—	—	·93	—	·32	·13	·17	8
9	·05	—	—	·02	—	—	—	·39	—	·12	·12	—	9
10	·20	—	·72	·23	·23	—	—	·13	—	·10	—	—	10
11	·07	·09	—	·12	·05	—	—	·13	—	·05	—	—	11
12	·04	—	—	·01	·14	—	—	—	—	·06	—	·20	12
13	·42	—	—	·02	·68	·15	—	·63	·08	·04	—	—	13
14	·28	—	—	·11	—	—	—	·18	—	—	—	·14	14
15	·18	—	—	·06	·66	—	—	·92	—	—	—	18	15
16	·11	—	·03	·28	—	·04	—	·07	—	—	—	·49	16
17	·12	—	—	·18	—	—	—	·55	—	—	—	·56	17
18	·05	·03	—	—	·05	—	·24	·07	·02	—	—	—	18
19	·11	·12	·20	—	·28	·10	—	—	—	—	—	—	19
20	·06	·26	·09	·03	·13	·40	—	·04	·04	—	·05	·28	20
21	—	·19	·08	—	—	—	—	·18	—	—	—	—	21
22	—	—	·29	—	—	·10	—	—	—	·02	—	—	22
23	·03	·04	—	—	—	·03	—	·56	—	—	·10	—	23
24	·01	—	—	·01	·06	—	·31	—	—	·45	·38	—	24
25	—	—	·01	—	—	·12	·10	—	—	·11	—	—	25
26	·02	—	·06	—	—	·61	—	·39	·10	·11	—	—	26
27	·02	—	·14	—	—	—	·52	·57	—	·05	—	·05	27
28	·06	—	·09	—	—	—	—	·49	—	·02	—	·08	28
29	·02	X	—	—	—	—	·05	·05	—	·30	—	—	29
30	·04	X	—	—	—	—	—	—	—	·15	·20	·11	30
31	·13	X	·12	X	—	X	—	·06	X	—	X	·24	31
Total	3·27	·75	2·07	1·92	2·28	1·84	1·22	6·98	·72	2·31	1·32	2·57	YEAR'S TOTAL 27·25.
Rain Days.	24.	7.	15.	15.	9.	12.	5.	21.	6.	18	10.	13	155.

W. 8,000, IX. 17.

15

FORM A.
BRITISH RAINFALL

6 : 1 : 19

REGISTER ~~W~~ OF RAINFALL IN 1918.

and for mths &c.

Kept at Willington Rectory.
in the County of Durham.
by Revd Canon Urmson.

Lat. 52°-42″-30′. Long. 1°-40″-48′.
Time of Observation a.m. 10-0.
Nearest Railway Station Willington.
Diameter of Funnel of Rain Gauge 5. in.
Height of top of Gauge above Ground 1 ft. 0. in.
" " " " Sea Level 285. ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ·09.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·06	·02	·05	—	—	—	—	—	·25	·12	·37	—	1
2	—	·01	—	·11	—	—	—	—	·09	—	—	·16	2
3	·03	—	·03	—	·05	—	—	—	—	—	·10	—	3
4	—	—	·10	—	·25	—	—	·28	·01	·14	·26	—	4
5	—	·01	·14	·02	·63	—	—	·38	—	·06	—	·02	5
6	—	·17	—	·22	—	·09	—	·10	—	·39	—	·03	6
7	·03.	—	—	·41	—	—	—	—	·20	·04	·30	—	7
8	—	·02	·20	—	—	—	·12	—	·19	·04	·05	—	8
9	—	·30	—	·18	—	—	—	—	·39	·20	·04	—	9
10	—	·07	·04	·03	—	—	·14	—	—	—	·03	·03	10
11	·21	·07	·02	—	·28	—	—	—	—	—	—	·07	11
12	—	·17	—	—	—	—	·43	—	·18	—	·01	—	12
13	—	—	—	·17	·08	—	—	—	·08	·15	—	—	13
14	·05	—	—	·04	—	·03	·09	—	·29	—	—	·03	14
15	—	—	—	·06	—	·02	·57	—	1·41	—	—	·55	15
16	—	—	·02	—	—	—	·22	·17	·43	·01	—	·18	16
17	·23	—	—	—	·06	—	·42	·01	·04	·30	—	·13	17
18	·78	—	·05	—	—	—	·05	—	·20	·28	—	·03	18
19	·27	—	·05	·17	—	—	·54	·10	·04	·27	—	—	19
20	·14	·31	—	·21	—	·04	·31	—	·01	·02	—	—	20
21	·34	·64	—	—	·19	·09	—	—	·26	·06	—	—	21
22	—	—	—	—	·05	—	·02	—	—	—	—	·38	22
23	(·03)	—	—	—	·11	—	·58	—	—	—	—	—	23
24	—	—	—	—	—	—	—	·02	·14	—	—	—	24
25	—	—	—	—	·06	·04	·02	·23	·05	—	—	·08	25
26	—	—	—	—	—	—	·16	·13	·18	—	·09	—	26
27	—	—	·03	—	·07	—	—	·28	·27	—	·04	—	27
28	—	·24	·20	—	—	—	—	—	·06	—	·03	·41	28
29	—	✕	—	—	—	—	—	—	·29	—	—	·14	29
30	—	✕	·04	—	—	—	—	—	—	—	·04	·38	30
31	—	✕	·19	✕	—	✕	—	·03	✕	—	✕	·09	31 ✓
Total	2·17	1·43	1·16	1·62	1·83	0·31	3·67	1·73	5·06	2·08	1·36	2·71	YEAR'S TOTAL 25·13 ~~25·06~~
Rain Days	11.	12.	14.	11.	11.	6.	14.	11.	22.	14.	12.	16.	154.
	Jan:	Feb:	March	April	May.	June.	July.	August.	Sept:	Oct:	Nov:	Dec:	

W. 6,500, VII. 18. W W O

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

28 JAN 20

Kept at Willington Rectory.
in the County of Durham.
by Rev. Canon Wrinson.

Lat. 54°-42'-30" Long. 1°-40'-48".
Time of Observation 10-0 a.m.
Nearest Railway Station Willington.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 285 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following. ——

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·25	·05	·01	—	·13	—	·40	—	·16	·08	·09	·01	1
2	—	—	—	—	—	—	·66	—	·02	—	·08	—	2
3	·61	—	—	—	·16	·12	·09	—	—	—	·26	·05	3
4	·30	·08	·21	—	·02	·01	—	—	·01	—	·19	·02	4
5	·14	·15	—	—	·13	—	—	·05	—	—	·09	·03	5
6	·01	—	·17	—	·10	—	—	—	—	—	·04	—	6
7	·07	—	·31	·06	·05	—	—	—	—	—	—	·05	7
8	·11	—	—	—	·17	—	—	—	—	·02	·44	·10	8
9	·14	—	·08	—	—	—	—	·04	—	—	·31	—	9
10	—	—	—	·05	·03	—	—	—	—	—	·12	·17	10
11	—	—	·78	—	·13	—	—	—	·28	·02	·11	—	11
12	—	—	·34	·14	—	·01	·16	—	·11	·21	·04	—	12
13	·05	—	·09	·07	—	—	·12	—	—	·21	·01	—	13
14	·08	—	·04	·27	—	—	—	·22	—	·02	·31	—	14
15	·27	·30	·08	·24	—	—	—	—	—	—	·07	·53	15
16	·04	·05	—	·05	—	—	—	·06	—	—	·13	—	16
17	—	·07	—	·02	—	—	—	—	—	—	·02	—	17
18	—	—	·12	—	—	—	·02	—	·01	—	—	·17	18
19	—	·23	·91	—	—	·06	·02	·30	·05	—	·04	·04	19
20	·32	·18	·06	—	—	·02	·10	·05	—	—	—	·05	20
21	·05	·15	·07	—	—	·11	—	·06	—	—	—	·12	21
22	—	·11	—	—	—	—	·05	·02	—	—	·02	·03	22
23	·02	—	—	·09	—	—	—	·02	—	1·04	·05	—	23
24	·07	—	·04	—	·02	·12	—	—	—	·39	·20	—	24
25	·03	·12	—	·04	—	·12	—	—	·02	—	·28	—	25
26	—	·21	·10	·03	—	·01	—	·55	—	·34	·38	·31	26
27	—	—	—	·26	—	—	—	·27	—	·63	·26	·04	27
28	·14	—	—	·24	—	—	—	·01	—	·70	·02	·37	28
29	·22	×	—	—	—	—	—	·88	—	1·06	—	—	29
30	·02	×	·07	—	—	·09	—	—	—	·26	·06	·37	30
31	·17	×	—	×	—	×	·06	—	×	·23	×	·08	31
TOTAL	3·11	1·70	3·48	1·56	·94	·67	1·68	2·53	·66	5·21	3·62	2·54	YEAR'S TOTAL 27·70.
Days with ·01 in. or more	21.	12.	17.	13.	10.	10.	10.	13.	8.	14.	25.	18.	171.

(44,283). Wt.21,958—218. 7500. 10/19. Gp.132. A.&E.W.

3221

7 JAN 1921

Form A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Willington Rectory
in the County of Durham
by T. Urmson, Revd Canon.

Lat. 54° 42" 30'. Long. 1° 40" 48'.
Time of Observation 10·0 a.m.
Nearest Railway Station Willington.
Diameter of Funnel of Rain Gauge 5. in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 285 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	·13	·42	·62	—	·16	—	—	·30			1
2	—	·05	—	·19	·03	—	·03	—	·17	·05			2
3	—	—	—	·23	·05	·06	1·06	·12	·10	·30			3
4	·08	—	—	·03	·02	—	·22	·69	·02	·83			4
5	—	—	·04	—	·02	—	·15	·05	—	·03			5
6	—	—	·08	·02	·02	—	·03	—	—	—			6
7	·13	—	—	—	—	—	·18	—	—	—			7
8	·02	—	—	—	·15	—	·06	·01	—	—			8
9	·14	—	·03	·47	—	—	·20	·07	—	—			9
10	·95	·19	·03	·51	—	—	·04	·13	—	—			10
11	·26	—	·02	·10	·31	—	—	—	—	—			11
12	·16	—	·10	·34	·01	—	·09	—	—				12
13	·24	—	·01	·06	—	—	—	—	—				13
14	—	·02	·47	·12	—	—	·13	—	·02				14
15	—	·06	·38	·16	—	—	—	—	—				15
16	—	—	—	—	·02	—	·29	—	·24				16
17	—	—	·01	—	·13	—	·01	·05	·09				17
18	·15	—	—	—	·20	·05	·10	—	—				18
19	·01	·50	—	·16	—	·05	—	·04	—				19
20	·07	·04	—	·03	—	—	—	—	·07				20
21	—	—	—	·13	—	—	·10	—	·35				21
22	·05	—	—	·12	—	—	·08	—	—				22
23	—	—	—	·14	—	—	·27	—	—				23
24	·07	—	·57	—	—	·02	·03	—	—				24
25	—	·03	·11	—	—	—	·40	·01	—				25
26	·02	—	·63	—	—	—	·05	—	—				26
27	·21	—	·03	·12	·87	·41	·02	—	—				27
28	·38	·01	·47	·04	—	·04	—	—	—				28
29	·11	—	·06	—	1·01	—	·03	—	—				29
30	·12	✕	·06	—	·07	·01	—	—	·10				30
31	·09.	✕	·03	✕	·04	✕	·06	—	✕		✕		31
TOTAL	3·26	·90	3·26	3·39	3·57	·64	3·79	1·17	1·16	1·51	Total for 9-11	mths Days	~~YEAR'S~~ TOTAL 22·65
Days with ·01 in. or more	~~3~~ 19	~~3.~~ 8	~~7~~ 19	~~3,~~ 19	~~6,~~ 16	~~2~~ 7	6. 24	~~2.~~ 9	~~2.~~ 9	~~4.~~			~~135.~~
Days with ·04 in. or more	16.	5.	12.	16.	10.	5.	18.	7.	7.	4. ?			100.

Daily Records ceased after Oct. 11th
owing to leaving District.
T. Urmson.

(44,283). 10/19. (52,638). Wt.10,000—359. 10,000. (2). 7/20. Gp.132. A.&E.W.

WINSTON - ON - TEES

DURHAM

1919 - 20

FORM A.
BRITISH RAINFALL

7 JAN

RE

Kept at ...ston N.E.R.

in the County of

by

...e 5 in.

...und – ft. 8 in.

... Level 365 ft.

IMPORTANT N... result entered to the previous day. If an ... rule, he is earnestly requested to add the re... ...the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.
1920

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1			·02	–	·11	–	·94	–	–	–	–		1
2			–	–	–	–	·38	–	–	–	·36		2
3			–	–	–	·08	·30	–	–	–	·24		3
4			·41	–	·21	–	–	–	–	–	·12		4
5			.	–	·11	–	–	–	–	–	·12		5
6			·23	–	·2	–	–	–	–	–	–		6
7			·20	·24	·04	–	–	–	–	–	·02		7
8			·01	–	·22	–	–	–	–	–	·40		8
9			–	·02	–	–	–	–	–	–	·08		9
10			·10	–	–	–	–	–	–	–	·08		10
11			·82	–	–	–	–	–	·28	–	–		11
12			·20	·15	–	–	–	–	–	·17	–		12
13			·02	·02	–	–	–	–	·11	–	·20		13
14			·01	·27	–	–	–	–	.	·04	·24		14
15			·01	·11	–	–	–	–	.	.	–		15
16			.	–	–	–	–	–	.	.	–		16
17			.	–	–	–	–	·10	.	.			17
18			·23	·03	–	–	–	·41	.	.		·12	18
19			·74	–	–	–	·15	–	.	.		–	19
20			·05	–	–	–	·16	·12	.	.		·14	20
21			·04	–	–	–	–	–	.	.		·05	21
22			·02	–	–	·04	–	–	.	.		·04	22
23			–	–	–		–	–	.	.		–	23
24			–	.	–	·21	–	·65	–	·97		–	24
25			.	·30	–	·06	–	–	–	·03		–	25
26			.		–	·02	–	·34	–	[illegible]		·22	26
27			·09	·13	–	–	–	–	–	·14		·03	27
28			–	·40	–	–	–		–	·94		·31	28
29			.	.	–	·07	–	–	–	1·20		·21	29
30		X	·01	.	–	·07	–	–	–	·36		·32	30
31		X	–	X	–	X	·71	–	X	–	X	·01	31
Total			3·21	1·67	·89	·48	2·04	1·62	·39	3·87	incp	incp	YEAR'S TOTAL
Rain Days.			19	10	6	6	6	5	2	9			

W. 6,500, VII. 18. W W C

REGISTER

FORM A.
BRITISH RAINFALL

7 JAN

Kept at Winston-on-Tees,
in the County of Durham,
by E. Hardy.

Lat. Long.
Time of Observation 9 a.m.
Nearest Railway Station Winston N.E.R.
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground – ft. 8 in.
" " " " Sea Level 365 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1. following.
~~1920~~

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·02	-	·11	–	·94	-	-	·	·		1
2			–	-	-	–	·38	-	-	·	·36		2
3			–	-	-	·08	·30	-	-	·	·24		3
4			·41	-	·21	-	-	-	-	·	·12		4
5			·	-	·11	-	-	-	-	·	·12		5
6			·23	-	·2	-	-		-	·	–		6
7			·20	·24	·04	-	-	-	-	·	·02		7
8			·01	-	·22	-	-	-	-	·	·40		8
9			-	·02	-	-	-	-	-	·	·08		9
10			·10	-	-	-	-	-	-	·	·08		10
11			·82	-	-	-	-	-	·28	·	-		11
12			·20	·15	-	-	-	-	-	·17	-		12
13			·02	·02	-	-	-	-	·11	-	·20		13
14			·01	·27	-	-	-	-	·	·04	·24		14
15			·01	·11	-	-		-	·	·	-		15
16			·	-	-	-	-	-	·	·	-		16
17			·	-	-	-	-	·10	·	·			17
18			·23	·03	-	-	-	·41	·	·		·12	18
19			·74	-	-	-	·15	-	·	·		–	19
20			·05	-	-	-	·16	·12	·	·		·14	20
21			·04	-	-	-	-	-	·	·		·05	21
22			·02	-	-	·04	-	-	·	·		·04	22
23			-	-	-			-	·	·		-	23
24			-	·	-	·21		·65	-	}97		-	24
25			·	·030	-	·06	-	-	-	·03		-	25
26			·		-	·02	-	·34	-	[illegible]		·22	26
27			·09	·13	-	–	-	-	-	·14		·03	27
28			-	·40	-	–	-	-	-	·94		·31	28
29			·	·	–	[illegible]	-	-	-	1·20		·21	29
30		✕	·01	·	–	·07	–	-	-	·36		·32	30
31		✕	-	✕	-	✕	·71	-	✕	–	✕	·01	31
Total			3·21	1·67	·89	·48	2·04	1·62	·39	3·87	[illegible]	[illegible]	YEAR'S TOTAL
Rain Days.			19	10	6	6	6	5	2	9			

FORM A. 1. **METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.**

REGISTER OF RAINFALL IN 1920.

6 JAN 1921

Kept at Winston on Tees
in the County of Durham
by Edwin Hardy

Lat. 54° 34' Long. 1° 46' W
Time of Observation 9 a.m.
Nearest Railway Station Winston, N.E.R.
Diameter of Funnel of Rain Gauge 5½ in. (regular size)
Height of top of Gauge above Ground 1 ft. 0 in.
„ „ „ „ Sea Level 380 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	-	·06	·27			·07	-		-	-	-	1
2	·31	-	-	·23	·47	-	·29	-	·15	-	-	-	2
3	·01	-	-	·17	·41	-	·91	·08		-	-	(·47) ~~·48~~	3
4	·12	-	-	-	-	·01	·28	·32	·13	·72	-	·43	4
5	-	-	-	-	·02	-	·19	·01	·01	·18	-	·19	5
6	-	-	-	-	-	-	·02	-		-	-	·06	6
7	·49	-	-	-	-	-	·42	-		-	-	-	7
8	-	·01	-	·20	-	-	·22	-		-	·09	-	8
9	·37	·06	-	·57	-	-	-	·06		-	-	-	9
10	·73	·07	✓	·79	-	-	-	·02		-	-	-	10
11	·43	-	·09	·18	-	-	-	-		-	-	·19	11
12	·24	-	-	·28	-	PT.	-	-		-	·01	-	12
13	·11		·05	·08	-	-	-	-		·20	·02	·09	13
14	-	-	·28	-	-	-	0 ·85	-		-	·35	-	14
15	-	·11	-	-	-	-	·23	-		-	·11	-	15
16	-	-	-	-	-	-	-	-	·23	-	·01	-	16
17	·02	-	-	-	-	-	-	·01	·12	·19	-	-	17
18	·15	-	-	-	·29	·07	-	-	-	-	-	-	18
19	·06	·50	-	·31	-	·05	-	-	-	-	-	-	19
20	-	·02	-	·25	-	-	-	-	-	-	-	-	20
21	-	-	-	·35	-	-	·15	·10	-	-	-	·07	21
22	·06	-	-	-	-	-	-	-	-	-	-	-	22
23	·03				-		·38	-	-	-	-	·15	23
24	·01	-	·47	-	-	-	·02	-	-	-	-	·43	24
25	-	·07	·10 ~~·67~~	-	-	-	·55	-	-	-	-	·21	25
26	·03	-	·48	·04	-	~~35~~	·01	-	-	-	-	-	26
27	·37	-	·03	-	·34	·35	·01	-	-	-	·19	·03	27
28	·47		·43	·08	-	·08	-	-	-	-	·11	·22	28
29	·24	-	-	-	·94	-	-	-	-	-	·04	·69	29
30	·08	X	-	-	~~9~~·03	·01	-	-	·15	-	-	·26	30
31	·03	X	·07	X	(·01) ~~·81~~	X	-	-	X	-	X	·19	31
TOTAL	4·36	·84	2·46	3·80 ~~3·78~~	2·51	·58	3·80	·60	·79	1·22	·93	3·68	YEAR'S TOTAL 25·52
Days with ·01 in. or more	21 dy	7	10	14	8	~~6~~ 7	16	7	6	4	9	15 ~~16~~	~~74~~
	13	5	9	14	6	5	12	4	5	4	6	11	~~99~~

(44,283). Wt. 21958—218. 7500. 10/19. Gp.132. A.&E.W.

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FORM A2.
BRITISH RAINFALL.

5 - JAN 1912

WOLSINGHAM
DRYDERDALE
DURHAM
1911 - 1912

REG 911

Kept at Dryderdale Farm

in the County of Durh

by G. Cranston

top .... in.
above Ground .... ft. .... in.
„ Sea Level .... ft.

ion { Name
Distance .... Direction

IMPORTANT NOTE.- and the result entered to the previous day. If an Obse universal rule, he is earnestly requested to add the reading year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			.27		.02			.08			.03	.02	1
2	.52				.08					.08	.09	.17	2
3	.04		.20	.05	.20		.04			.06	.20		3
4	.08		.16	.35	.02			.50		.13	.26	.10	4
5	.03		.08	.03				.36		.18	.20		5
6	.05		.09	.10				.18				.55	6
7	.			.02						.02	.17		7
8	.01		.15							.02	.16	.32	8
9	.											.27	9
10	.15	.04	.02	.06								.60	10
11	.31		.02		.02				.14		.16	.08	11
12			.10	.02	.15	.09			.75		.11	.03	12
13			.42		.20						.06	.35	13
14			.25		.19						.01	.42	14
15		.09	.24							.04	.20	.19	15
16		.07	.35	.12		.12	.04			.03	.03	.10	16
17			.11			.85					.28	.19	17
18		.51	.31	.03		.10			.05	.01		.19	18
19			.09	.07		.34				.12	1.02	.26	19
20		.02		.15			.11	.22			.04	.17	20
21		.30	.02			.02		.82	.04	.17	.14		21
22	.44	.06		.03		.01		.03					22
23	.02	.66				.76			.11	.03		.21	23
24	.02	.02	.08	.01		1.92		.06		.21		.17	24
25		.26		.01		.20			.10	.17	.04	.08	25
26		.02		.11	.02			.10		.97	.68	.14	26
27		.11	.07	.13				.11		.03	.16	.02	27
28			.02	.25				.05	.13			.12	28
29				.01		.02	.05	.01	.47	.67		.04	29
30			.03		.20				.23	.37	.02		30
31					.10					.11			31
Total	1.67	2.16	3.08	1.55	1.20	4.43	.24	2.52	2.02	3.42	4.06	4.79	TOTAL for year 31.14
No. of Rain Days	11	12	21	18	11	11	4	12	9	19	21	24	173

9,000, IX. '10.

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FORM A2.
BRITISH RAINFALL.

5 - JAN 1912

REGISTER OF RAINFALL IN 1911

Kept at Dryderdale Farm Witton-le-Wear

in the County of Durham

by G. Cranston

RAIN GAUGE
Pattern
Diameter of top in.
Height of top above Ground ft. in.
" " " Sea Level ft.

Time of Observation

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			.27		.02			.08			.03	02	1
2	.52				.08					.08	.09	.17	2
3	.04		.20	.05	.20		.04			.06	.20		3
4	.08		.16	.35	.02			.50		.13	.26	.10	4
5	.03		08	.03				.36		.18	.20		5
6	.05		.09	.10				.18				.55	6
7				.02						.02	.17		7
8	.01		.15							.02	.16	.32	8
9												.27	9
10	.15	.04	.02	.06								60	10
11	.31		.02		.02				.14		.16	.08	11
12			.10	.02	.15	.09			.75		.11	.03	12
13			.42		.20						.06	.35	13
14			.25		.19						.01	42	14
15		.09	.24							.04	.20	.19	15
16		.07	.35	.12		.12	.04			.03	.03	.10	16
17			.11			.85					.28	.19	17
18		.51	.31	.03		.10			.05	.01		.19	18
19			.09	07		.34				.12	1.02	.26	19
20		.02		.15			.11	.22			.04	.17	20
21		.30	.02			.02		.82	.04	.17	.14		21
22	.44	.06		.03		.01		.03					22
23	.02	.66				.76			.11	.03		.21	23
24	.02	.02	.08	.01		1.92		.06		.21		.17	24
25		.26		.01		.20			.10	.17	.04	.08	25
26		.02		.11	.02			.10		.97	.68	.14	26
27		.11	.07	.13				.11		.03	.16	.02	27
28			.02	.25				.05	.13			.12	28
29				.01		.02	.05	.01	.47	.67		.04	29
30			.03		.20				.23	.37	.02		30
31					.10					.11			31
Total	1.67	2.16	3.08	1.55	1.20	4.43	.24	2.52	2.02	3.42	4.06	4.79	TOTAL for year 31.14
No. of Rain Days	11	12	21	18	11	11	4	12	9	19	21	24	173

S. made

cmd for auth dry run stats 19·III·13

REGISTER OF RAINFALL IN 1912

FORM A2.
BRITISH RAINFALL.

4 JAN 1913

W RL

Kept at Drydendale

in the County of Durham 2

by G. Cranston

RAIN GAUGE
Pattern
Diameter of top in.
Height of top above Ground ft. in.
„ „ „ Sea Level ft.

Time of Observation

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		25	20			45	8	55	2	13			1
2			24			54	28	21	45				2
3	9	23	(43)			69	3	58		11		33	3
4	11			5	5	67		48					4
5					15	18		3					5
6	61	7				9		4					6
7		27	4		14			35	24		6	4	7
8	52	13	5	12					27		18		8
9		3	17	2		3					4		9
10			3	1		46	4	22			9		10
11	2	35			7				11		32		11
12	10	23	3			20	33					30	12
13	3	2								13	20	64	13
14	10		3			15				2		15	14
15	19		2		61	9						61	15
16	75	3	13			4						13	16
17		13	39			45		11					17
18	3	21	4					24			2		18
19		61	3		5	2	21	23			2	4	19
20	35				87	2				41			20
21	7	2	31		17	3						10	21
22		13	3		34	22		8					22
23			4		3		18	72		9	3	2	23
24	37						39	12		1	22	24	24
25	25		3			42	3	40			31		25
26	17	25	9		8			14		103	30	31	26
27		1			5	50	58	2		14		40	27
28		8				6	53	57		24	5		28
29		4	37			8	41	3	55	9	9	10	29
30	3		16		6	8		1	94	18		1	30
31			18		4		52	19		4		4	31
Total	379	309	304 ✓	20 ·20	271 2·71	547	361	532	258 2·58	262	193	346	TOTAL for year 37·82
No. of Rain Days.	17	19	22	4	14	22	13	21	7	13	14	16	182

W. 8,000, X. '11.

8L

448

REC 911

WOLSINGHAM

MARTAGON HSE

DURHAM

1911 - 1917

FORM A2.
BRITISH RAINFALL.

26 JAN 1912

Kept at Wolsingham

in the County of Durh

by Miss F. E. S

top 5 in.

above Ground 1 ft. in.

„ Sea Level 464 ft.

ion Name

Distance Direction

IMPORTANT NOTE. and the result entered to the previous day. If an Obse universal rule, he is earnestly requested to add the reading year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			09								·05		1
2	·65				·13		·04	·10		·16	·04	·21	2
3	·03		·17	·08	·22		·05			·11	·18	·02	3
4	·05		·11	·35	·05			·46		·08	·20	·07	4
5	·10		·10	·05				·27		·13	·14		5
6			·18	·10				·11		·01		·64	6
7	·05			·03							·20		7
8	·10		·13	·01		·03				·06	·18	·33	8
9	·16			·11								·40	9
10		·04	·04									·65	10
11	·75								·24		·13	·10	11
12			·11			·14			·75		·15	·01	12
13			·40		·20	·01			·01		·08	·38	13
14			·34		·18						·01	·45	14
15		·01	·46								·12	·15	15
16		·07	·50	·12		·11	·04				·10	·15	16
17			·23			·51					·30	·20	17
18		·42	·41	·02		·02			·10		·32	·25	18
19		·01	·12	·08		·78		·03	·05	·20	1·04	·22	19
20				·19			·12	·30			·09		20
21		·22				·02		·75		·21	·12		21
22	·61	·20		·03		·03		·02		·01	·27		22
23	·03	·58				2			·12	·01		·20	23
24			·13			2·80		·06		·23		·08	24
25	·01	·02				2·08		·03	·13	·18	·02	·08	25
26		·02		·07	·03	·34		·05	·02	1·08	1·05	·02	26
27		·19	·05	·13				·04	·06	·08	·15		27
28		·13	·01	·19				·09	·10	·47		·13	28
29							·06	·03	·55	·31		·02	29
30			·04	·01	·18	·01			·20	·20	·05		30
31					·08								31
Total	2·54	1·91	3·62	1·57	1·07	4·88	·31	2·34	2·33	3.53 3·53	4·99	4·76	TOTAL for year 33·85
No. of Rain Days	11	12	19	16	8	13	5	14	12	17	23	22	172

9,000, IX. '10.

8L

448

FORM A2.
BRITISH RAINFALL.

26 JAN 1912

REGISTER OF RAINFALL 1911

Kept at Wolsingham, Martagon House

in the County of Durham

by Miss F. E. Stobbs

RAIN GAUGE
Pattern
Diameter of top 5 in.
Height of top above Ground 1 ft. in.
" " " Sea Level 464 ft.

Time of Observation

Nearest Railway Station
Name
Distance Direction

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			09								·05		1
2	·65				·13		·04	·10		·16	·04	·21	2
3	·03		·17	·08	·22		·05			·11	·18	·02	3
4	·05		·11	·35	·05			·46		·08	·20	·07	4
5	·10		·10	·05				·27		·13	·14		5
6			·18	·10				·11		·01		·64	6
7	·05			·03							·20		7
8	·10		·13	·01		·03				·06	·18	·33	8
9	·16			·11								·40	9
10		·04	·04									·65	10
11	·75								·24		·13	·10	11
12			·11			·14			·75		·15	·01	12
13			·40		·20	·01			·01		·08	·38	13
14			·34		·18						·01	·45	14
15		·01	·46								·12	·15	15
16		·07	·50	·12		·11	·04				·10	·15	16
17			·23			·51					·30	·20	17
18		·42	·41	·02		·02			·10		·32	·25	18
19		·01	·12	·08		·78		·03	·05	·20	1·04	·22	19
20				·19			·12	·30			·09		20
21		·22				·02		·75		·21	·12		21
22	·61	·20		·03		·03		·02		·01	·27		22
23	·03	·58							·12	·01		·20	23
24			·13			·80		·06		·23		·08	24
25	·01	·02				2·08		·03	·13	·18	·02	·08	25
26		·02		·07	·03	·34		·05	·02	1·08	1·05	·02	26
27		·19	·05	·13				·04	·06	·08	·15		27
28		·13	·01	·19				·09	·10	·47		·13	28
29							·06	·03	·55	·31		·02	29
30			·04	·01	·18	·01			·20	·20	·05		30
31					·08								31
Total	2·54	1·91	3·62	1·57	1·07	4·88	·31	2·34	2·33	3.53 3·53	4·99	4·76	TOTAL for year 33·85
No. of Rain Days	11	12	19	16	8	13	5	14	12	17	23	22	172

82

Ckd for auth 19·III·13

444

FORM A2.
BRITISH RAINFALL.

25 JAN 1913

REGISTER OF RAINFALL IN 1912

Kept at Wolsingham

in the County of Durham 2

by F. E. Stobbs

RAIN GAUGE	Pattern
	Diameter of top ___ in.
	Height of top above Ground ___ ft. ___ in.
	" " " Sea Level ___ ft.
Time of Observation	
Nearest Railway Station	Name
	Distance ___ Direction ___

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·25	·17		·05	·50	·20	·03		·15		·13	1
2		·15	·30			·50	·29	·38		·13			2
3	·09	·08	·60			·42	·02	·51	·41			·18	3
4	·09	·35	·02		·05	·66		·47			·04	·18	4
5	·01	·09			·16	·21		·04	·02				5
6	·60					·05		·06					6
7		·25			·15			·34	·18		·03	·07	7
8	·75	·11		·08	·01	·01			·25		·15		8
9	·02	·02	·08	·02		·04					·02		9
10	·06	·01	·16		·06	·40		·03	·02		·10		10
11		·15	·07				·04	·03	·07		·36	·06	11
12	·12	·23	·04			·24	·37				·30	·24	12
13	·06	·03				·07		·01		·13	·26	·60	13
14	·10					·14						·17	14
15	·18	·02			·61	·07				·03		·50	15
16	1·15		·11			·07		·02				·18	16
17		·11	·38			·36		·23		·02		·02	17
18		·20						·54					18
19	·21	·58	·04		·02		·26	·01		·01	·04		19
20	·13	·11			·93	·08				·32		·02	20
21	·07		·30		·09	·02				·04		·08	21
22		·15	·02		·34			·14					22
23	·01		·05		·02		·16	·55		·12			23
24	·12				·05		·27	·24			·23	·30	24
25	·48						·07	·55			·60	·04	25
26	·35	·22	·04				·60	·05		1·04	·23	·28	26
27	·17						·75	·45		·15	·03	·43	27
28		·06						·05		·24	·12		28
29	·02	·05	·35		·01	·19	·25	·04	·80	·12		·10	29
30			·15		·02			·17	·66	·29		·01	30
31			·23				·46						31
Total	4·79	3·22 3·22	3·13 3·11	·10	2·57	4·03	3·74	4·94	2·41	2·79	2·51	3·59	TOTAL for year 37·80
No. of Rain Days.	21	21	15	2	15	18	13	23	8	14	14	19	186

W. 8,000, X. '11.

DL

Card for with 13.IV.14

REGISTER OF RAINFALL IN 1913

457

FORM A.
BRITISH RAINFALL.

31 JAN 1914

Kept at Wolsingham

in the County of Durham 2

by Miss F. E. Stobbs

Lat. .... Long. ....
Time of Observation ....
Nearest Railway Station ....
Diameter of Rain Gauge .... in.
Height of top of Gauge above Ground .... ft. .... in.
" " " " Sea Level .... ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1			·21	·20					·11	·08	·08		1
2		·03	·43	·03						·05	·05	·04	2
3	·07	·10			·40		·40		·02	·07		·29	3
4	·25		·08		·01	·13			·10	·16	·03	·17	4
5	·40	·15	·05			·15	·06		·02	·15			5
6	·01	·32	·50		·52	·02	·65				·01		6
7		·56	·03	·02	·09	·04	·06			1·38			7
8		·06	·08		·91	·26			·03	·43	·14		8
9		·04	·18	·03	·20	·03							9
10						·09	·15			·06	·30		10
11	1·50			·41	·11					·02	·09		11
12	·38				·09		·05				·07		12
13	·16		·04				·03		·50		·03		13
14	·11	·04	·07	·20					·15	·06	·07		14
15			·58	·24				·20			·06		15
16			·06					·02			·04		16
17			·09				·02						17
18			·70	·43	·03						·47		18
19	·23		·10	·04	·01	·23				·02	·20		19
20	1·22		·20	·11	·02			·04		·10	·17		20
21	·05		·21						1·20				21
22	·13		1·10			·03	·02	·17		·01			22
23	·12		·02					·07			·01	·03	23
24	·13			·11		·06		·02			·01		24
25				·05		·17							25
26				·50		·02			·34	·02	·07	·05	26
27		·08	·03	·76					1·50	·21		·60	27
28	·67		·50	·36	·11			·47		·02		·50	28
29			·60	·39						·05		·20	29
30	·24				·30			·01		·15			30
31	·13												31
Total	5·80	1·38	5·86	3·88	2·80	1·23	1·44	1·00	3·97 3·97	3·04 3·04	1·90	1·88	YEAR'S TOTAL 34·18
Rain Days.	17	9	22	16	13 ~~11~~	12	9	8	10	18	18	8	160

Conf. with Hly sum. stats. 27. II. 15.

FORM A. BRITISH RAINFALL.
JAN 1915

REGISTER OF RAINFALL IN 1914.

Kept at Wolsingham
in the County of Durham 2
by F. Ethel Strobbs

Lat. .... Long. ....
Time of Observation ....
Nearest Railway Station Wolsingham
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
" " " " Sea Level 464 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		·21	·02			·01	·16	·10			·05	·13	1
2		·07		·06			·60	·43			·50	·33	2
3		·02	·06		·11						·11	·72	3
4	·30		·02	·09	·09						·10	·73	4
5	·10		·15	·26	·06						·45		5
6			·01	·05	·09							·36	6
7		·06	·17		·16			·10				·27	7
8	·10	·02	·13	·06	·18	·28		·31	·03			~~·26~~	8
9	·40	·10	·02	·14	·03	·75			·14		·12	~~·12~~ 26	9
10		·11			·08	2·00			·03		·32	~~·74~~ 19	10
11		·05	·21			·04			·04		·27	·71	11
12	·05	·28	·27				·11		·25	·05	·15	1·02	12
13	·05	·13							·05		·15	·65	13
14	·19	·80					·07		·05	·03	·20 S	·31	14
15	·02	·25	·02						×		·87 S	·05	15
16	·12		·19				·86		×		·06	·04	16
17	·10	·10	·10			·02	·10		×			·40	17
18		·06				1·00			1·25 ×		·02		18
19							·12		·02	·08	·10		19
20		·18	·14				·02						20
21		·91	·03			·10		·24			·12		21
22		·09			·43			·09				·25	22
23			·05	·01	·24	·02				·10		·19	23
24	·04		·10	·10		·01							24
25	·05		·03					·12		·63	·02	·23	25
26			·12							·10	·06	·44	26
27	·02	·02			·03					·03	·28	·13	27
28		·08	·05					·22			·13 ~~·26~~		28
29	·09		·16					·34		1·02	·33		29
30	·04		·06	·03						·50	·26	·43	30
31	·24						·31			·40			31
Total	1·91 ~~1·81~~	3·34	2·11	·80	1·50	4·23	2·35	1·95	1·86	2·98	4·67	7·77	YEAR'S TOTAL ~~35·37~~ 35·47
Rain Days.	16	19	22	9	11	10	9	9	12 ~~9~~	11	22	21	~~168~~

171

W.7,000, XI. 13

82

cord fm auth 9. V. 16

3732
421

FORM A.
BRITISH RAINFALL.

REGISTER OF RAINFALL IN 1915

Kept at *Wolsingham*

W. Dl

in the County of *Durham*

by

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·44	·27	·02		·22		·50	·30	·27	·12	·25	·11	1
2	·02	·21	·32			·02	·94	·21	·10			·01	2
3	·46	·01		·13				·03	·03		·19	·59	3
4	·10	·02		·19		·04						·69	4
5	·07	·35	·03		·09			·05			·06	·83	5
6	·01	·67	·16	·11	·08		·37	·04		·07		·16	6
7	·09	·81	·12	·27			·50	·18				·03	7
8	·20	·31	·03	·01			·12	·09			·16		8
9	·35	·06						·04			·08	·81	9
10	·08		·09			·08		·37				·29	10
11	·08	·07			1·00		·02				·25	·08	11
12		·05			·02		·12				·95		12
13	·01	·33		·01	·02		·02	·14	·10				13
14	·03	·05		·07	·02							·12	14
15	·19	·02						·52			·07	·21	15
16	·02	·30					·40	·21					16
17		·23						·11				·11	17
18		·02	·35						·10	·09		·10	18
19			·07				·06			·07			19
20	·02									·04		·46	20
21	·09	·05		·07						·01		·11	21
22					·02		·13					·16	22
23	·11	·09	·19	·01						·02	·08	·21	23
24			·24	·07			·01		·31	·18		·43	24
25							·04			·11			25
26		·01	·06									·41	26
27		·44	·01			·27	·32			·59	·11	·29	27
28	·01	·10	·01		·36		·04	·38				·04	28
29			·05		·28	·12		·01				·64	29
30	·03	✕				·28							30
31	·02	✕		✕	·01	✕		·57	✕		✕	·51	31
Total	2·43 2·44	4·47	1·75	·94	2·12	·81 ·89	3·59	3·25	·91	1·30	2·20	7·40	YEAR'S TOTAL 31·17 31·26
Rain Days.	21	22	15	10	11	6	15	16	6	10	10	24	166

W. 8,000. X. 14.

Dh ✓ and for auth

3666
~~380~~

REGISTER OF RAINFALL IN 1916

FORM A.
BRITISH RAINFALL.

30 JAN 1917

Kept at Wolsingham

in the County of Durham

by

Lat. Long.

Time of Observation

Nearest Railway Station —

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·55		·12		—	·23	·33						1
2	·10	·08	·18	·06		·08	·11		·18	·18	·09		2
3		·12	·04	·03		·07	·26	—	1·07		·38		3
4	13	·02	·01		·70	17				·32	·21		4
5	·01	·22	·14	·03	·65	·03	·10			·45	·31		5
6	·19	·12	·30		·31	·02	·40			·11	·16		6
7		·06	19		·49	·18				·09		·17	7
8		·01	·30			·04							8
9	·01		07		·06	·21					·08	·63	9
10			·09	·05		·14	·09				·05	·43	10
11	·01	·26	·67			·14	·38			·17		·22	11
12	·01	·13	·47		·31	·13				·01			12
13		·14	·27	·05		·01	·38	·16		·30		·23	13
14		·21	·03			·02		·12		·16		·29	14
15	·01	·32	·66		·07			·30			—		15
16		·11	·42	·11			·02	·20		·01		·10	16
17					·06			·10	·03	·09			17
18	·08	·31						·40	·32	·02	1·15	·04	18
19	24		·13					·02	·05		·88	·14	19
20	·10	·04	·23	·34			·86				·21	·17	20
21	20	·31	·16	·35			·01						21
22		·09	·01	·16		·07							22
23	·06		·03	·03						·14		·12	23
24		·02	·03			·32		·28			11	·08	24
25	01	·20	·30		·07			·30		·30	·15		25
26	·10	·32	·06			·06		·09		·05			26
27		·70	·06					·30		·56			27
28	·02	·45			·28					·18		·42	28
29		·50							·01	·26	·02		29
30		×					·01	·03		·48	·02		30
31		×		×	·07	×	·01		×	·21	×	·02	31
Total	1·83	4·74 4·64	4·97	1·21 ~~1·31~~	3·07	1·92	2·96	2·30	1·66 ~~1·36~~	4·09 ~~4·06~~	3·82	3·06	YEAR'S TOTAL 35·63 ~~35·30~~
Rain Days.	17	23	25	10	11	17	13	12	6	20	14	14	182

W. 8,000. X. 15.

82

[illegible]

REGISTER OF RAINFALL IN 1917

FORM A.
BRITISH RAINFALL.

Kept at Wolsingham

in the County of Durham

by

Lat. Long.

Time of Observation

Nearest Railway Station

Diameter of Funnel of Rain Gauge in.

Height of top of Gauge above Ground ft. in.

" " " " Sea Level ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1				·18				·47	·63		·17	·01	1
2	·01			·27		·06		·17				·02	2
3	·09			·39				·01		·16	·06		3
4			·09										4
5	·06	·02	·33	·21							·14		5
6			·02			·41					·21		6
7	1·00		·06			·06				·34		·13	7
8				·14				1·20		·39	·17	·15	8
9	·17			·03	·03			·27			·09	·11	9
10	·26	·02	·85	·37	·32			·10					10
11	·02	·08		·14	·15			·20					11
12	·06			·03					·04	·06			12
13	·51				·13	·46		·97		·12		·03	13
14	·58		·03	·17	·64								14
15	·23			·03	·05							·08	15
16	·11			·28					·04	·04		1·50	16
17	·12		·11	·21		·03		1·25		·35	·02	·45	17
18	·05		·09	·01	·24		·18						18
19	·16	·03	·09	·08	·14	·18					·04	·36	19
20	·17	·48	·08	·01		·40			·16	·02			20
21	·01	·15	·05			·03		·25	·07	·01		·05	21
22			·10										22
23	·09	·06			·06	·07		·22					23
24	·04	·02					·06	·17		·50	·56	~~·56~~	24
25						·03	·20			·09			25
26	·10		·05					·96		·18	·02	·08	26
27	·15					·14	·40			·17			27
28	·11		·18							·03			28
29	·16		·01					·40		·54			29
30	·05	×					·10	·01		·36	·10		30
31	·01	×	·24	×		×			×		×	·39	31
Total	4·32 ~~3·48~~	·86	2·38	2·55	1·76	1·87	·94	6·65 ~~5·65~~	·94	3·36	1·58	3·36	YEAR'S TOTAL 30·57 ~~28·73~~
Rain Days.	25	8	16	16	9	11	5	15	5	16	11	12	150

W. 8,000, VIII. 16

FORM A.
BRITISH RAINFALL.

·7 1914

REG 3.

HEDDON ON THE WALL
VICARAGE
DURHAM
1913

the Vicarag 1·45 W. (Cabbot)
Kept at Heddon 9. am.
Heddon on the Wall
in the County of Nor 5 in.
by (Rev.) W. above Ground One ft. ~~in.~~
Sea Level 400. ft.

IMPORTANT NOT and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	*Date.*
1	·00	·01	·00	·10	·00	·00	·00	·00	·00	·03	·02	·02	1
2	·00	·00	·05	·00	·00	·00	·00	·00	·03	·08	·02	·01	2
3	·00	·17	·03	·00	·05	·00	·26	·00	·00	·07	·00	·07	3
4	·20	·00	·15	·00	·02	·07	·01	·00	·03	·04	·08	·00	4
5	·62	·00	·03	·00	·01	·01	·06	·05	·02	·11	·00	·00	5
6	·01	·13	·39	·00	·71	·10	·16	·00	·00	·00	·07	·00	6
7	·00	·13	·02	·03	·05	·01	·02	·00	·03	·62	·03	·00	7
8	·00	·00	·00	·00	·72	·00	·00	·00	·07	·64	·12	·01	8
9	·00	·13	·03	·12	·24	·09	·00	·03	·00	·00	·00	·00	9
10	·00	·02	·20	·01	·06	·00	·00	·00	·00	·06	·12	·00	10
11	1·40	·00	·02	·44	·03	·04	·00	·00	·00	·02	·05	·00	11
12	·59	·01	·00	·00	·01	·01	·06	·08	[illegible]	·00	·13	·00	12
13	·14	·00	·00	·00	·00	·00	·00	·02	·25	·04	·04	·00	13
14	·06	·09	·08	·05	·00	·00	·01	·02	·02	·07	·06	·00	14
15	·02	·00	·22	·01	·00	·00	·00	·00	·55	·00	·08	·06	15
16	·03	·00	·00	·01	·00	·00	·01	·00	·64	·00	·02	·00	16
17	·00	·03	·02	·04	·00	·00	·00	·00	·01	·00	·05	·00	17
18	·10	·00	·22	·12	·14	·12	·00	·00	·00	·00	·15	·00	18
19	·13	·00	·01	·03	·06	·00	·00	·00	·64	·01	·01	·00	19
20	·18	·05	·01	·05	·00	·00	·00	·00	·35	·06	·16	·00	20
21	·08	·00	·00	·00	·00	·00	·05	·17	·01	·00	·00	·00	21
22	·04	·00	·81	·00	·03	·03	·00	·16	·06	·00	·00	·00	22
23	·24	·01	·05	·00	·00	·11	·02	·03	·05	·00	·08	·00	23
24	·27	·00	·00	·02	·00	·46	·00	·03	·00	·00	·00	·00	24
25	·00	·00	·00	·00	·00	·00	·00	·00	·33	·00	·00	·02	25
26	·00	·00	·01	·42	·00	·00	·00	·00	·82	·07	·17	·56	26
27	·00	·02	·02	·50	·00	·06	·00	·00	·01	·09	·00	·00	27
28	·21	·00	·29	·45	·03	·00	·00	·00	·00	·00	·00	·14	28
29	·01		·41	·37	·06	·00	·00	1·21	·01	·00	·00	·17	29
30	·12		·01	·00	·22 ~~[illegible]~~	·01	·00	·01	·00	·09	·00	·06	30
31	·07		·00		·00		·00	·00		·00		·00	31
Total	4·52	0·80	3·08	2·77	2·44	1·12	0.66	1·81	4·62	2·10	1·46	1·12	YEAR'S TOTAL 26·50
Rain Days.	20.	12.	22	17	16	13	10	11	20	16	19.	10.	186.

W.7,000, XI. 13

FORM A.
BRITISH RAINFALL.

1914

REGISTER OF RAINFALL [illegible]3.

Kept at The Vicarage Heddon on the Wall
in the County of Northumberland.
by (Rev.) W. G. Pringle.

Lat. 55 N. Long. 1·45 W. (calcd.)
Time of Observation 9. am.
Nearest Railway Station Heddon on the Wall
Diameter of Rain Gauge 5 in.
Height of top of Gauge above Ground one ft. ~~in.~~
" " " " Sea Level 400. ft.

Sc Wl.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to Dr. H. R. Mill, 62, Camden Square, London, N.W.

Jan. 1, following. ☐

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	·00	·01	·00	·10	·00	·00	·00	·00	·00	·03	·02	·02	1
2	·00	·00	·05	·00	·00	·00	·00	·00	·03	·08	·02	·01	2
3	·00	·17	·03	·00	·05	·00	·26	·00	·00	·07	·00	·07	3
4	·20	·00	·15	·00	·02	·07	·01	·00	·03	·04	·08	·00	4
5	·62	·00	·03	·00	·01	·01	·06	·05	·02	·11	·00	·00	5
6	·01	·13	·39	·00	·71	·10	·16	·00	·00	·00	·07	·00	6
7	·00	·13	·02	·03	·05	·01	·02	·00	·03	·62	·03	·00	7
8	·00	·00	·00	·00	·72	·00	·00	·00	·07	·64	·12	·01	8
9	·00	·13	·03	·12	·24	·09	·00	·03	·00	·00	·00	·00	9
10	·00	·02	·20	·01	·06	·00	·00	·00	·00	·06	·12	·00	10
11	1·40	·00	·02	·44	·03	·04	·00	·00	·00	·02	·05	·00	11
12	·59	·01	·00	·00	·01	·01	·06	·08	[illegible]	·00	·13	·00	12
13	·14	·00	·00	·00	·00	·00	·00	·02	·25	·04	·04	·00	13
14	·06	·09	·08	·05	·00	·00	·01	·02	·02	·07	·06	·00	14
15	·02	·00	·22	·01	·00	·00	·00	·00	·55	·00	·08	·06	15
16	·03	·00	·00	·01	·00	·00	·01	·00	·64	·00	·02	·00	16
17	·00	·03	·02	·04	·00	·00	·00	·00	·01	·00	·05	·00	17
18	·10	·00	·22	·12	·14	·12	·00	·00	·00	·00	·15	·00	18
19	·13	·00	·01	·03	·06	·00	·00	·00	·64	·01	·01	·00	19
20	·18	·05	·01	·05	·00	·00	·00	·00	·35	·06	·16	·00	20
21	·08	·00	·00	·00	·00	·00	·05	·17	·01	·00	·00	·00	21
22	·04	·00	·81	·00	·03	·03	·00	·16	·06	·00	·00	·00	22
23	·24	·01	·05	·00	·00	·11	·02	·03	·05	·00	·08	·00	23
24	·27	·00	·00	·02	·00	·46	·00	·03	·00	·00	·00	·00	24
25	·00	·00	·00	·00	·00	·00	·00	·00	·33	·00	·00	·02	25
26	·00	·00	·01	·42	·00	·00	·00	·00	·82	·07	·17	·56	26
27	·00	·02	·02	·50	·00	·06	·00	·00	·01	·09	·00	·00	27
28	·21	·00	·29	·45	·03	·00	·00	·00	·00	·00	·00	·14	28
29	·01		·41	·37	·06	·00	·00	1·21	·01	·00	·00	·17	29
30	·12		·01	·00	·22	·01	·00	·01	·00	·09	·00	·06	30
31	·07		·00		·00		·00	·00		·00		·00	31
Total	4·52	0·80	3·08	2·77	2·44	1·12	0·66	1·81	4·62	2·10	1·46	1·12	YEAR'S TOTAL 26·50
Rain Days.	20.	12.	22	17	16	13	10	11	20	16	19.	10.	186.

W.7,000, XI. 13

PORT CLARENCE

DURHAM

1918

FORM A.
BRITISH RAINFALL.

R

Kept at Po °13'W
…am. O.2548
18 8.19

Port Clarence

in the County of

…auge 8 in.

by Fr Messrs Bell …Ground 12 ft. — in.

…Sea Level 24 ft.

IMPORTANT … he result entered to the previous day. If … rsal rule, he is earnestly requested to add th… in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers*," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	Nil	Nil	Trace	Nil	Nil	Nil	Nil	Nil	Nil	.17	Nil	Nil	1
2	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	.040	.07	.05	.04	2
3	.03	Nil	Nil	.12	Nil	Nil	Nil	Nil	.033	.20		.21	3
4	Nil	.06	Trace	Nil	Trace	Nil	Nil	Nil	Nil	Nil	.07	Nil	4
5	Nil	Trace	.02	Nil		Nil	Nil	Nil	Nil	.10	Nil	Nil	5
6	Nil	.10	.15	Trace	.28	Nil	Nil	Nil	Nil		Nil		6
7	Nil	.041	Nil		Nil	.15	Nil	Nil	Nil	.13	.10	Nil	7
8	Nil	Nil	Nil	.050	Nil	Trace	Nil	.053	Nil	Nil	.05	Nil	8
9	Nil	.04	.07	Nil	Nil		.19	Trace	.10	.05	Nil	.02	9
10	.01			.030	Nil	Nil	Nil	Nil	Trace	.17	Nil	Trace	10
11	Nil	.25	Trace	Nil	Nil	Nil	.11	Nil	.20	Nil	Trace	.04	11
12	Nil	.06	Nil	.020	Nil	Nil	.12	Nil	.20	Trace	Nil	.01	12
13	Nil	.16	Nil	Nil	.24	Nil	Nil	Trace	.32		Nil	Nil	13
14	Nil	Trace	.06	Nil	.04	Nil	Nil	Nil	.050	.13	Nil	Nil	14
15	Nil	Nil	Nil	.20	Nil	Nil	.05	Nil		Trace	Nil	.72	15
16	.01	Nil	Nil	Trace	Nil	Nil	.042	Nil	.102	Nil	Nil	.12	16
17	Trace	Nil	Nil	.20	Nil	.02	.19	Nil	Trace	Nil	Nil	.10	17
18	Nil	Nil	Nil	Nil	Nil	Nil	.052	Nil	.35	.25	Nil	.09	18
19	.13	Nil	.08	Trace	Nil	Nil	.20	Nil	.22	.05	Nil	Nil	19
20		Nil	.03	.10	Nil	Nil	.28	Nil	.12		Nil	Nil	20
21	Trace	.36	Nil		Nil	.07		Nil	Trace	.22	Nil	Nil	21
22	.32	Trace	Nil	Nil	.04	Nil	.081	Nil		.20	Nil	Nil	22
23	Nil	Nil	Nil	Nil	.030	Nil	.032	Nil	.15	.05	Nil	.15	23
24	Nil	Nil	Nil	Nil	.037	.02	.04	Nil	.30	.30	Nil	Nil	24
25	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	.10	Nil	.04	Nil	25
26	Nil	Trace	Trace	Nil	Nil	Nil	Nil	Nil	Trace	Nil	.05	.05	26
27	Nil	Nil	Nil	Nil	Nil	Nil	Nil	.12	.05	Nil	Trace	Nil	27
28	Nil	.02	Nil	Nil	Nil	.02	Nil	Trace	.28	Nil	.30	Nil	28
29	Nil	Trace	.18	Nil	Nil	Trace	.10	Nil		Nil	.20	Nil	29
30	Nil	X	Trace	Nil	Nil		.05	Nil	.10	Nil	.20	.25	30
31	Nil	X		X	Nil	X	Nil	Nil	X	Nil	X	.08	31
Total	.50	1.091	.59	.72	.667	.28	1.537	.173	2.815	2.09	1.06	1.88	YEAR'S TOTAL 13.403
Rain Days.	~~8~~	~~15~~	~~14~~	~~12~~	~~8~~	~~8~~	~~14~~	~~5~~	~~24~~	~~20~~	~~12~~	~~14~~	156
	6	10	8	8	5	4	14	2	19	16	10	18	114

W. 6,500, VII. 18. W & C

R

FORM A. BRITISH RAINFALL.

2548

Kept at Port Clarence

in the County of Durham

by Fr Messrs Bell Bros Ltd, Weldon Hanson Chief Chemist

Lat. 54 35 Long. 1 13' W

Time of Observation 9 am.

Nearest Railway Station Port Clarence

Diameter of Funnel of Rain Gauge 8 in.

Height of top of Gauge above Ground 12 ft. — in.

" " " " Sea Level 24 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "*Rules for Rainfall Observers,*" sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	Nil	Nil	Trace	Nil	Nil	Nil	Nil	Nil	Nil	.17	Nil	Nil	1
2	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	.040	.07	{ .05	.04	2
3	.03	Nil	Nil	.12	Nil	Nil	Nil	Nil	.033	.20		.21	3
4	Nil	.06	Trace	Nil	{ Trace	Nil	Nil	Nil	Nil	Nil	.07	Nil	4
5	Nil	Trace	.02	Nil		Nil	Nil	Nil	Nil	{ .10	Nil	Nil	5
6	Nil	.10	.15	{ Trace	.28	Nil	Nil	Nil	Nil		Nil		6
7	Nil	.041	Nil		Nil	.15	Nil	Nil	Nil	.13	.10	Nil	7
8	Nil	Nil	Nil	.050	Nil	{ Trace	Nil	.053	Nil	Nil	.05	Nil	8
9	Nil	{ .04	{ .07	Nil	Nil		.19	Trace	.10	.05	Nil	.02	9
10	.01			.030	Nil	Nil	Nil	Nil	Trace	.17	Nil	Trace	10
11	Nil	.25	Trace	Nil	Nil	Nil	.11	Nil	.30	Nil	Trace	.04	11
12	Nil	.06	Nil	.020	Nil	Nil	.12	Nil	.20	{ Trace	Nil	.01	12
13	Nil	.16	Nil	Nil	.24	Nil	Nil	Trace	.32		Nil	Nil	13
14	Nil	Trace	.06	Nil	.04	Nil	Nil	Nil	{ .050	.13	Nil	Nil	14
15	Nil	Nil	Nil	.20	Nil	Nil	.05	Nil		Trace	Nil	.72	15
16	.01	Nil	Nil	Trace	Nil	Nil	.042	Nil	.102	Nil	Nil	.12	16
17	Trace	Nil	Nil	.20	Nil	.02	.19	Nil	Trace	Nil	Nil	.10	17
18	Nil	Nil	Nil	Nil	Nil	Nil	.052	Nil	.35	.25	Nil	.09	18
19	{ .13	Nil	.08	Trace	Nil	Nil	.20	Nil	.22	{ .05	Nil	Nil	19
20		Nil	.03	{ .10	Nil	Nil	{ .28	Nil	.12		Nil	Nil	20
21	Trace	.36	Nil		Nil	.07		Nil	{ Trace	.22	Nil	Nil	21
22	.32	Trace	Nil	Nil	.04	Nil	.081	Nil		.20	Nil	Nil	22
23	Nil	Nil	Nil	Nil	.030	Nil	.032	Nil	.15	.05	Nil	.15	23
24	Nil	Nil	Nil	Nil	.037	.02	.04	Nil	.30	.30	Nil	Nil	24
25	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	.10	Nil	.04	Nil	25
26	Nil	Trace	Trace	Nil	Nil	Nil	Nil	Nil	Trace	Nil	.05	.05	26
27	Nil	Nil	Nil	Nil	Nil	Nil	Nil	.12	.05	Nil	Trace	Nil	27
28	Nil	.02	Nil	Nil	Nil	.02	Nil	Trace	{ .28	Nil	.30	Nil	28
29	Nil	Trace	.18	Nil	Nil	{ Trace	.10	Nil		Nil	.20	Nil	29
30	Nil	×	{ Trace	Nil	Nil		.05	Nil	.10	Nil	.20	.25	30
31	Nil	×		×	Nil	×	Nil	Nil	×	Nil	×	.08	31
Total	.50	1.091	.59	.72	.667	.28	1.537	.173	2.815	2.09	1.06	1.88	YEAR'S TOTAL 13.403
Rain Days.	~~8~~ 6	~~15~~ 10	~~14~~ 8	~~12~~ 18	~~8~~ 5	~~9~~ 4	~~11~~ 14	~~5~~ 2	~~24~~ 19	~~20~~ 16	~~12~~ 10	~~14~~ 18	~~156~~ 114

W. 6,500, VII. 18. W W C